

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064387.D
 Acq On : 29 Oct 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 05:36:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	196547	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.55	113	137836	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.06	98	493613	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.37	95	192840	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140915	45.816	ug/l	99
3) Chloromethane	2.04	50	148906	44.787	ug/l	100
4) Vinyl Chloride	2.16	62	150283	46.731	ug/l	97
5) Bromomethane	2.52	94	82540	39.721	ug/l	91
6) Chloroethane	2.67	64	91551	47.642	ug/l	95
7) Trichlorofluoromethane	2.98	101	254828	47.300	ug/l	98
8) Diethyl Ether	3.38	74	82952	48.672	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122845	45.367	ug/l	99
10) Methyl Iodide	3.91	142	150641	41.689	ug/l	100
11) Tert butyl alcohol	4.73	59	125862	201.644	ug/l	100
12) 1,1-Dichloroethene	3.70	96	121519	47.537	ug/l	99
13) Acrolein	3.57	56	37646	275.954	ug/l	92
14) Allyl chloride	4.27	41	236694	45.347	ug/l	99
15) Acrylonitrile	4.93	53	325732	242.670	ug/l	99
16) Acetone	3.77	43	309184	209.734	ug/l	98
17) Carbon Disulfide	4.01	76	325399	43.024	ug/l	99
18) Methyl Acetate	4.28	43	155542	48.156	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	481787	49.053	ug/l	99
20) Methylene Chloride	4.50	84	144675	47.444	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	132491	46.461	ug/l	89
22) Diisopropyl ether	5.90	45	491781	48.203	ug/l	98
23) Vinyl Acetate	5.84	43	2153834	249.533	ug/l	99
24) 1,1-Dichloroethane	5.80	63	268136	46.968	ug/l	99
25) 2-Butanone	6.78	43	484367	224.356	ug/l	97
26) 2,2-Dichloropropane	6.78	77	232221	41.562	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	155541	47.660	ug/l	99
28) Bromochloromethane	7.15	49	127525	46.884	ug/l	99
29) Tetrahydrofuran	7.16	42	323303	230.674	ug/l	99
30) Chloroform	7.33	83	285622	46.872	ug/l	100
31) Cyclohexane	7.61	56	209993	42.080	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	270570	46.239	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201783	44.292	ug/l	98
37) Ethyl Acetate	6.88	43	201387	43.763	ug/l	98
38) Carbon Tetrachloride	7.73	117	242933	45.996	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178904	39.605	ug/l	94
40) Benzene	8.00	78	572187	45.122	ug/l	100
41) Methacrylonitrile	7.12	41	98424	43.087	ug/l	97
42) 1,2-Dichloroethane	8.08	62	253191	46.221	ug/l	99
43) Isopropyl Acetate	8.13	43	376072	47.808	ug/l #	90
44) Trichloroethene	8.80	130	156885	47.227	ug/l	99
45) 1,2-Dichloropropane	9.08	63	154963	45.634	ug/l	96
46) Dibromomethane	9.17	93	111379	46.884	ug/l	98
47) Bromodichloromethane	9.37	83	236563	44.933	ug/l	96
48) Methyl methacrylate	9.16	41	191516	47.189	ug/l	97
49) 1,4-Dioxane	9.16	88	45342	757.975	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1064852	232.879	ug/l	100
52) Toluene	10.12	92	367861	45.971	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	260243	46.750	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	264465	46.152	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146540	46.393	ug/l	98
56) Ethyl methacrylate	10.40	69	231895	48.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	254978	47.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	554452	212.500	ug/l	100
59) 2-Hexanone	10.72	43	768537	228.209	ug/l	99
60) Dibromochloromethane	10.87	129	178303	47.743	ug/l	97
61) 1,2-Dibromoethane	10.97	107	157378	48.899	ug/l	98
64) Tetrachloroethene	10.60	164	142628	41.451	ug/l	98
65) Chlorobenzene	11.41	112	398257	46.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	157335	45.864	ug/l	99
67) Ethyl Benzene	11.48	91	726926	46.068	ug/l	97
68) m/p-Xylenes	11.59	106	531264	90.851	ug/l	99
69) o-Xylene	11.92	106	259670	46.092	ug/l	97
70) Styrene	11.94	104	438516	47.474	ug/l	99
71) Bromoform	12.10	173	125097	46.463	ug/l #	97
73) Isopropylbenzene	12.22	105	671834	45.567	ug/l	98
74) N-amyl acetate	12.04	43	328370	50.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	207169	48.340	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	300190	63.679	ug/l #	100
77) Bromobenzene	12.50	156	170106	47.116	ug/l	98
78) n-propylbenzene	12.56	91	738376	44.235	ug/l	99
79) 2-Chlorotoluene	12.65	91	483784	45.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	551650	44.219	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	73448	44.880	ug/l	96
82) 4-Chlorotoluene	12.75	91	497891	45.804	ug/l	99
83) tert-Butylbenzene	12.97	119	439667	42.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	568123	45.575	ug/l	99
85) sec-Butylbenzene	13.14	105	571116	43.111	ug/l	98
86) p-Isopropyltoluene	13.26	119	520758	43.634	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	284152	44.958	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	291438	45.273	ug/l	99
89) n-Butylbenzene	13.59	91	429248	40.826	ug/l	100
90) Hexachloroethane	13.85	117	94446	42.137	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	287096	45.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49912	46.936	ug/l	96

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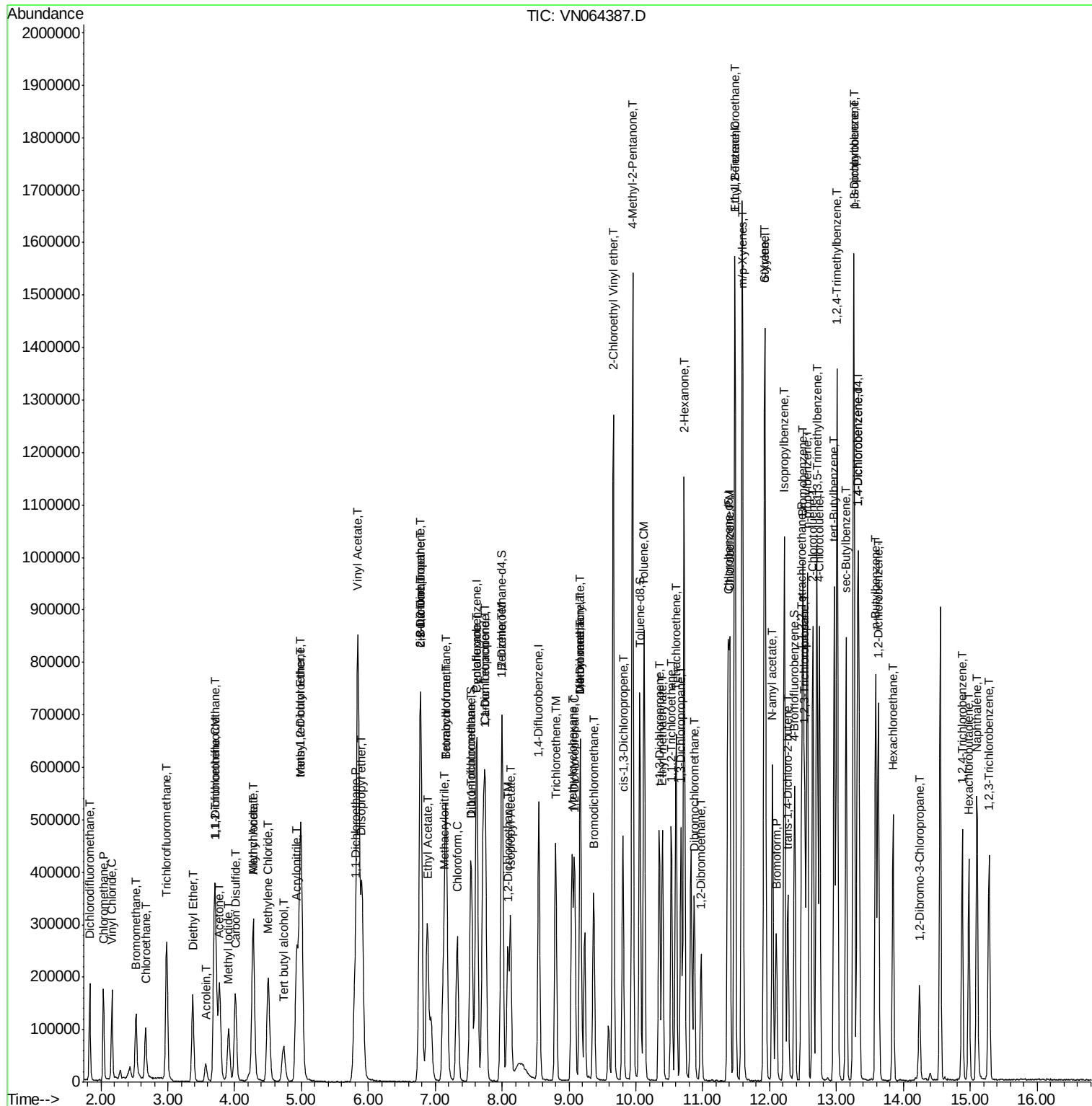
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144404	40.390	ug/l	97
94) Hexachlorobutadiene	14.98	225	75006	38.897	ug/l	98
95) Naphthalene	15.10	128	454271	41.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	140652	40.824	ug/l	97

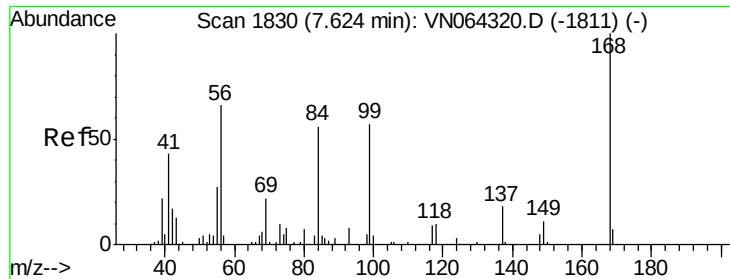
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

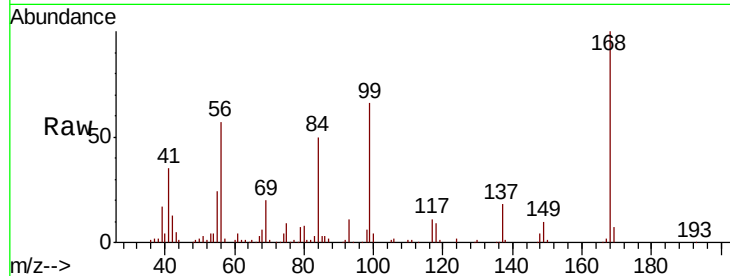
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 267567

Ion Ratio Lower Upper

168 100

99 65.8 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

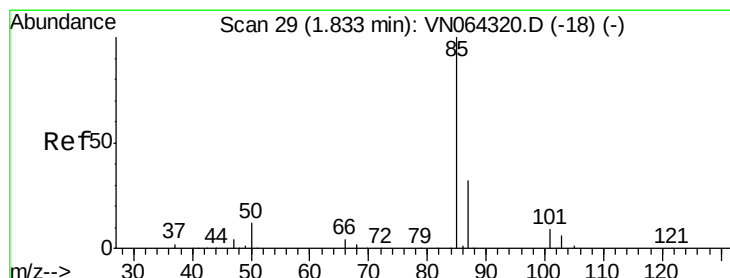
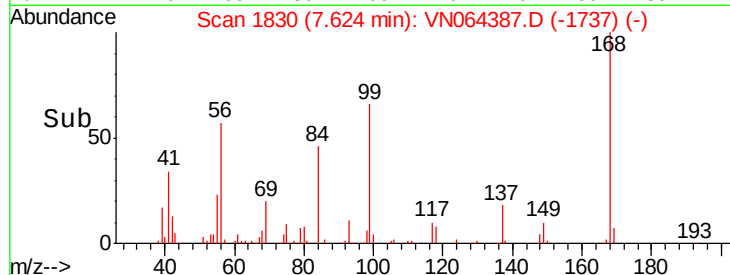
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.816 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064387.D

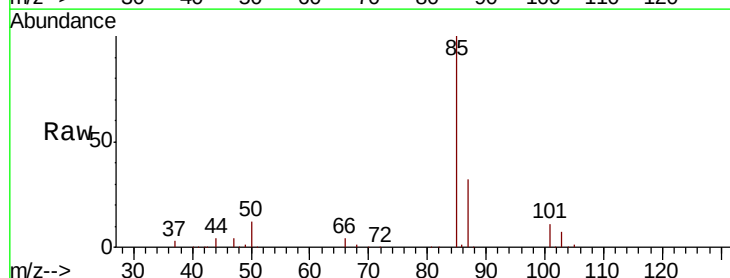
Acq: 29 Oct 2020 20:30

Tgt Ion: 85 Resp: 140915

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

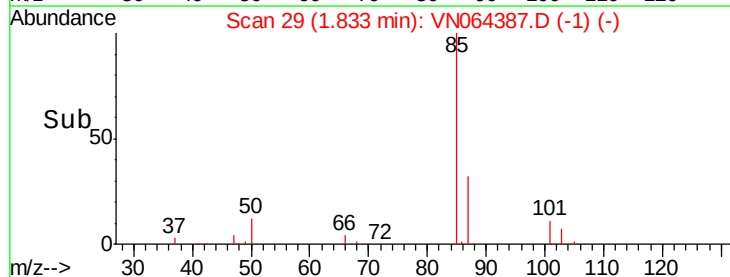
60000

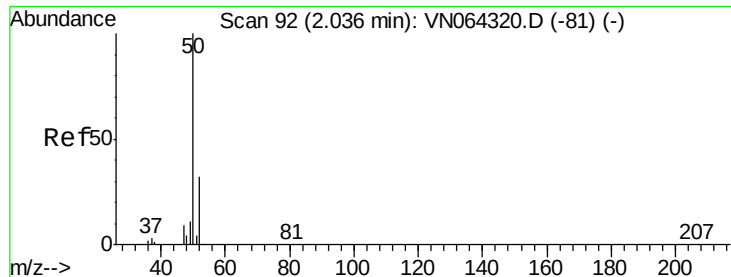
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 44.787 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

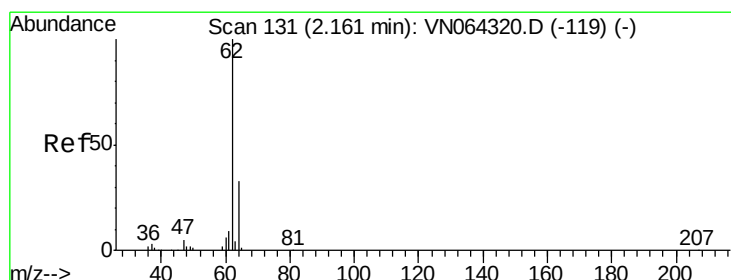
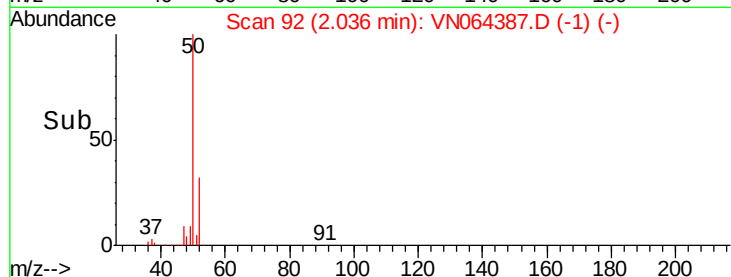
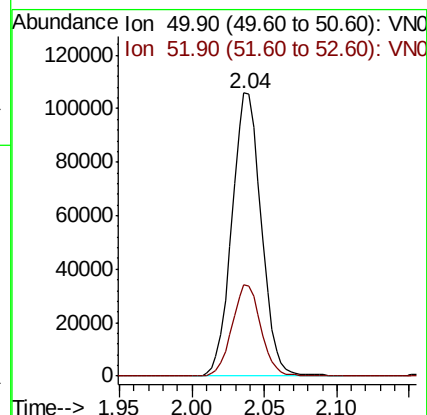
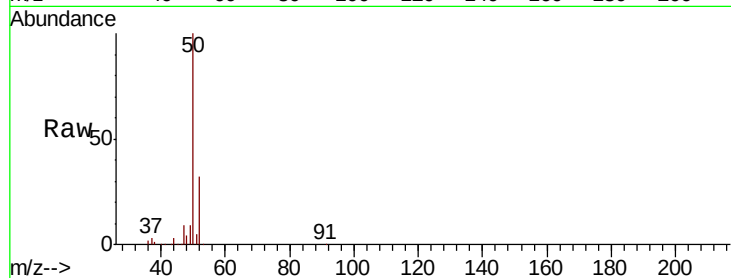
VSTDCCC050EC

Tot Ion: 50 Resp: 148906

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 46.731 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064387.D

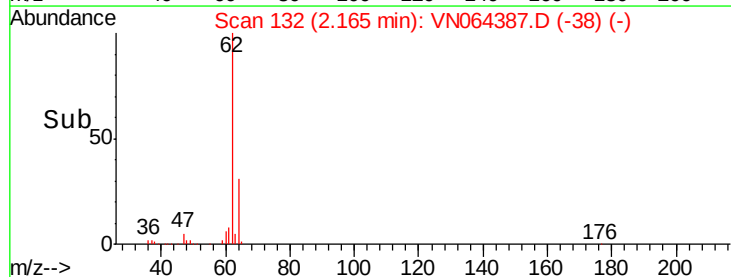
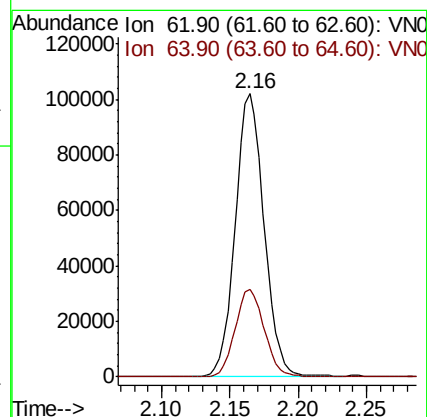
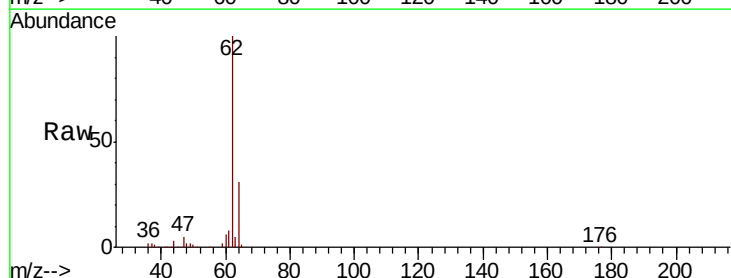
Acq: 29 Oct 2020 20:30

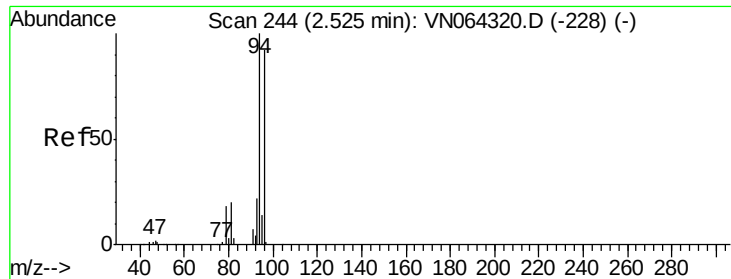
Tgt Ion: 62 Resp: 150283

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.4





#5

Bromomethane

Concen: 39.721 ug/l

RT: 2.52 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

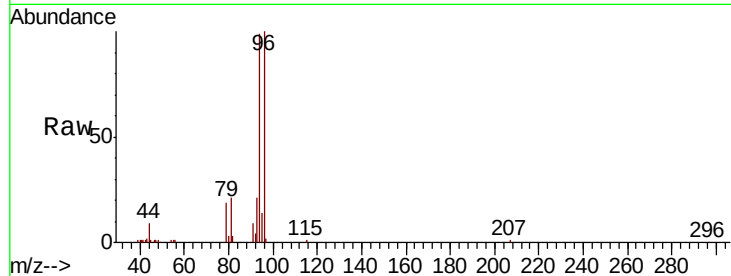
VSTDCCC050EC

Tot Ion: 94 Resp: 82540

Ion Ratio Lower Upper

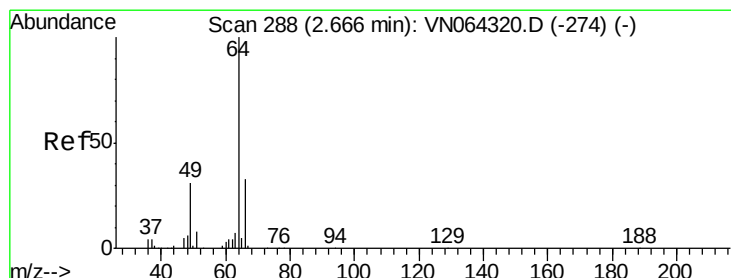
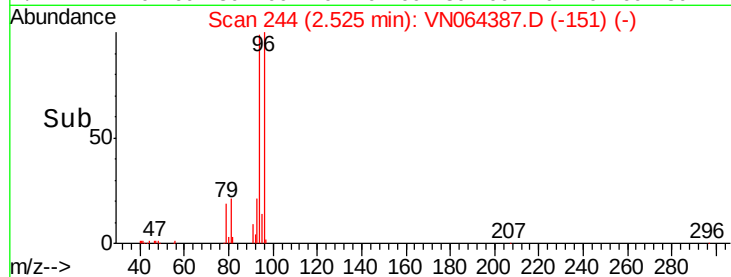
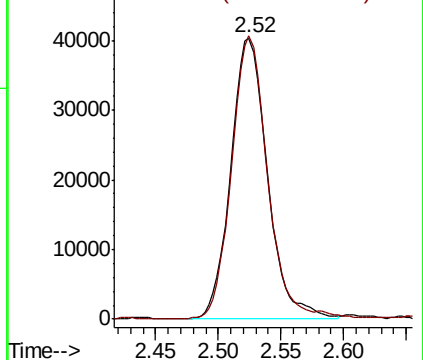
94 100

96 100.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.642 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064387.D

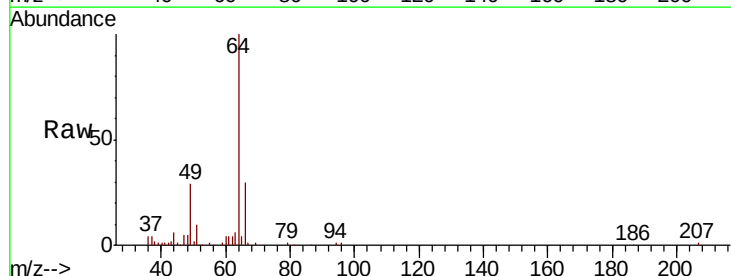
Acq: 29 Oct 2020 20:30

Tgt Ion: 64 Resp: 91551

Ion Ratio Lower Upper

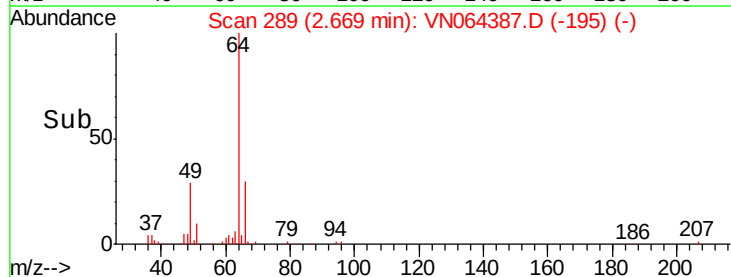
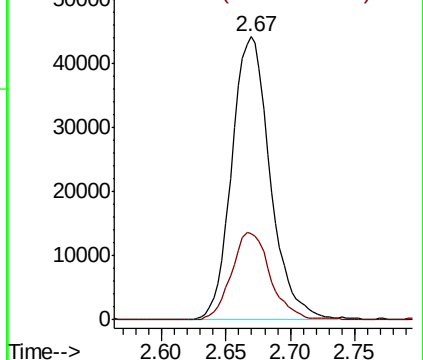
64 100

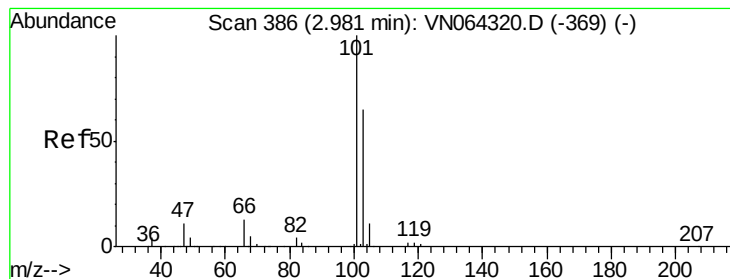
66 30.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



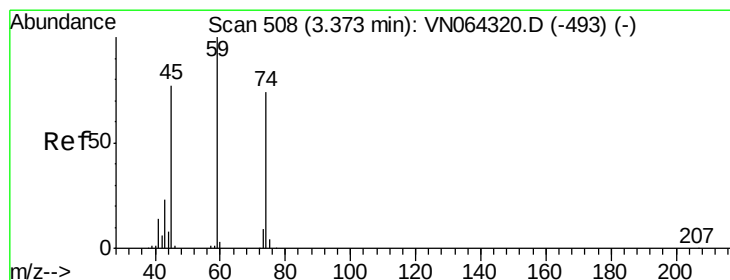
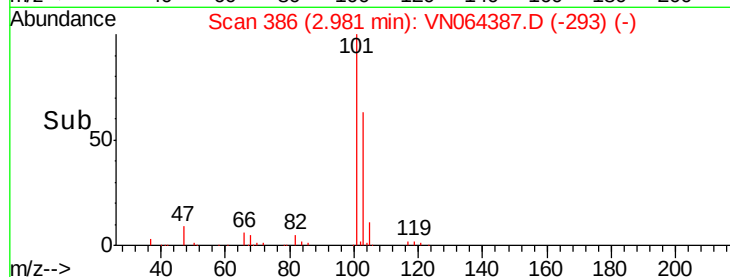
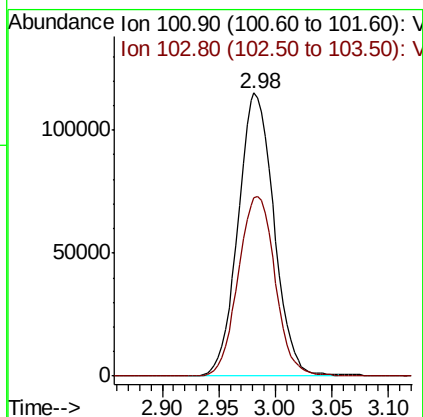
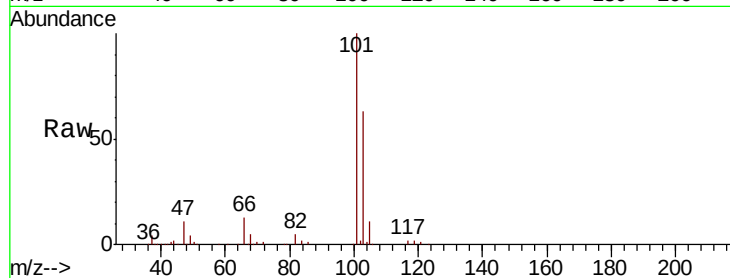


#7

Trichlorofluoromethane
 Concen: 47.300 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN064387.D
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Instrument :
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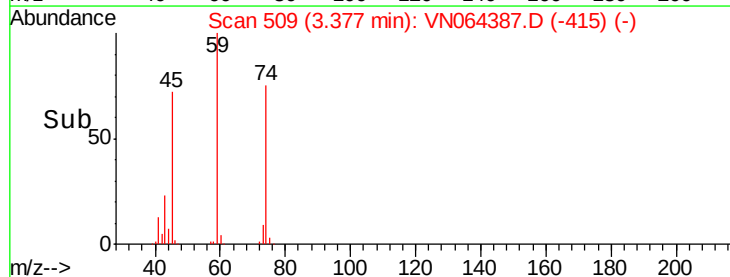
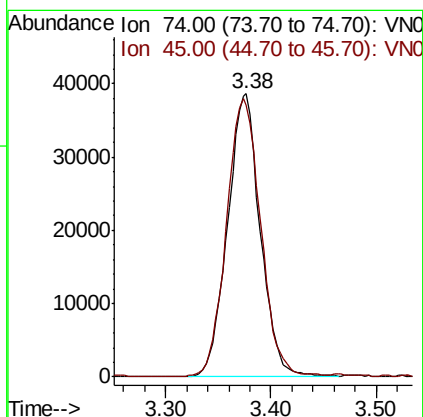
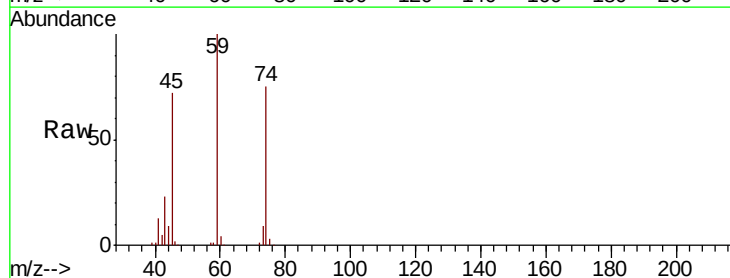
Tot Ion:101 Resp: 254828
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.7 77.5

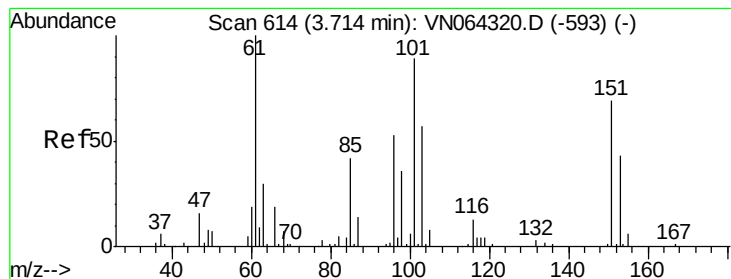


#8

Diethyl Ether
 Concen: 48.672 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 74 Resp: 82952
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.367 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

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VSTDCCC050EC

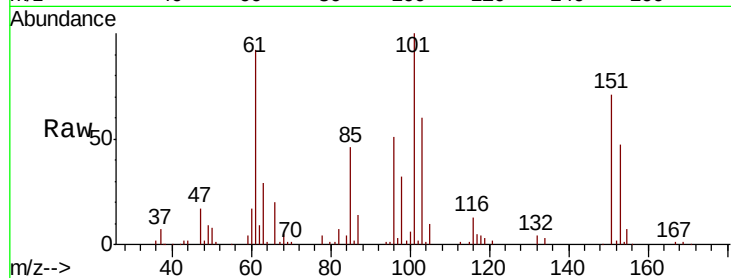
Tot Ion:101 Resp: 122845

Ion Ratio Lower Upper

101 100

85 48.8 38.4 57.6

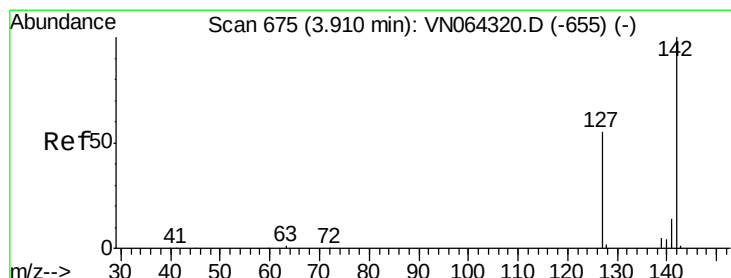
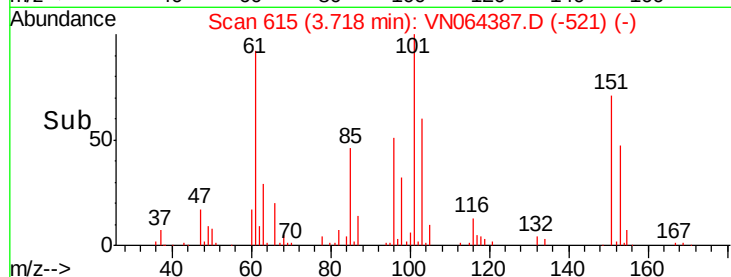
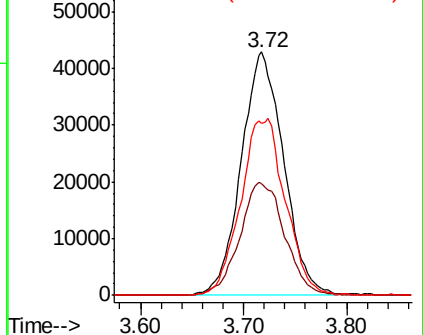
151 76.2 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.689 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

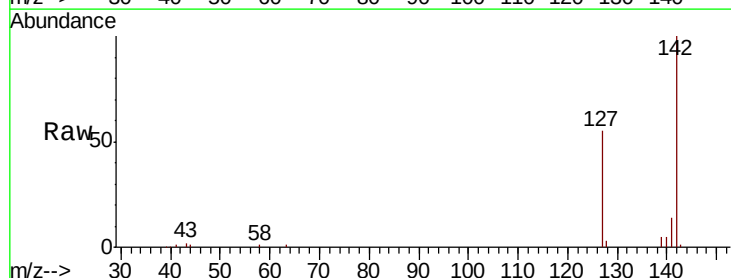
Tgt Ion:142 Resp: 150641

Ion Ratio Lower Upper

142 100

127 53.8 43.3 64.9

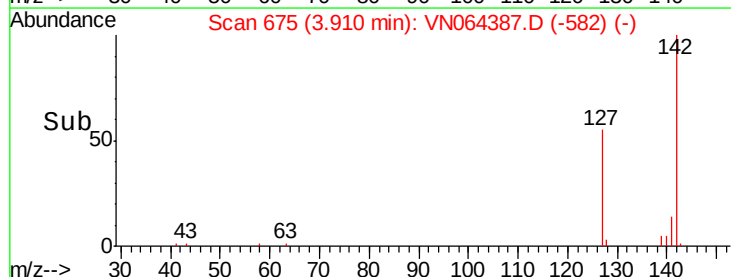
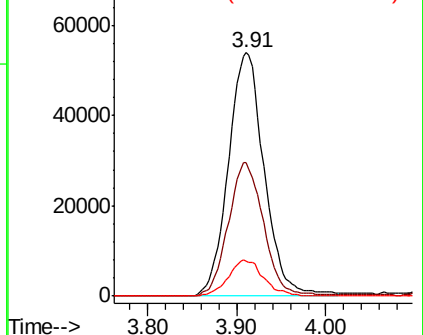
141 14.6 11.5 17.3

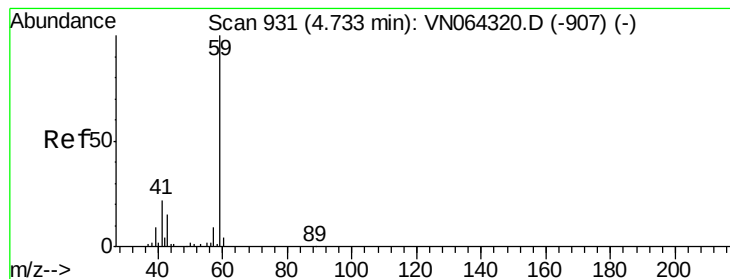


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



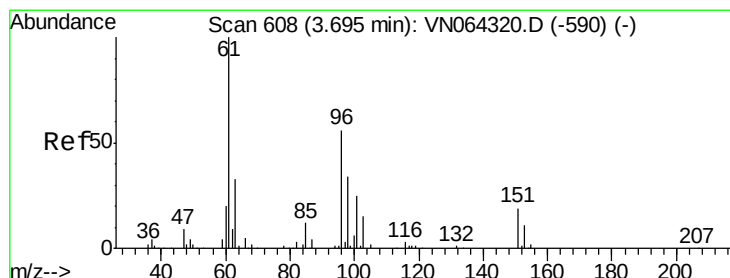
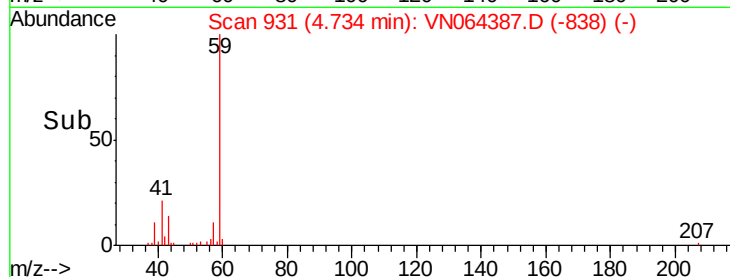
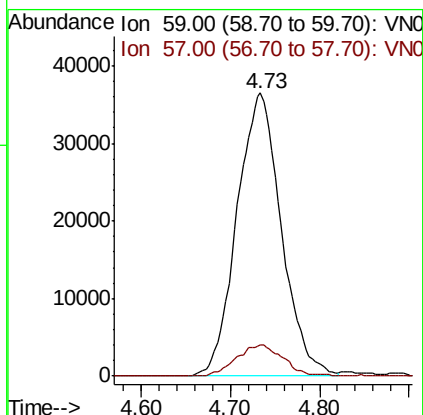
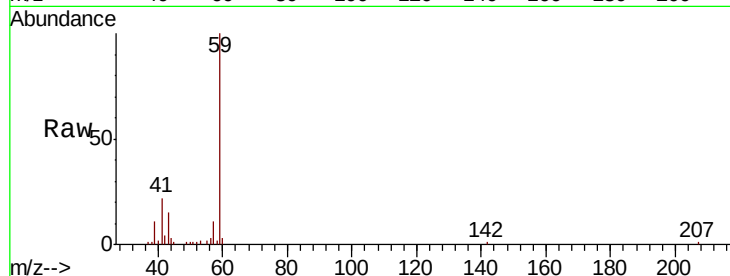


#11

Tert butyl alcohol
 Concen: 201.644 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

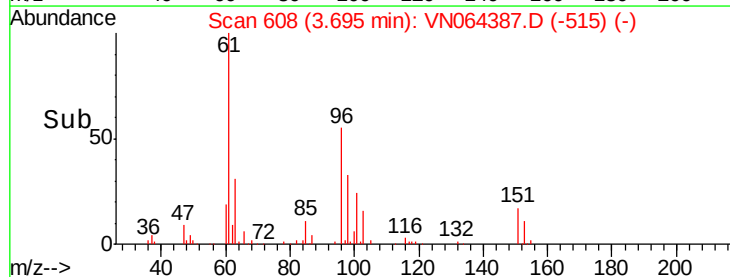
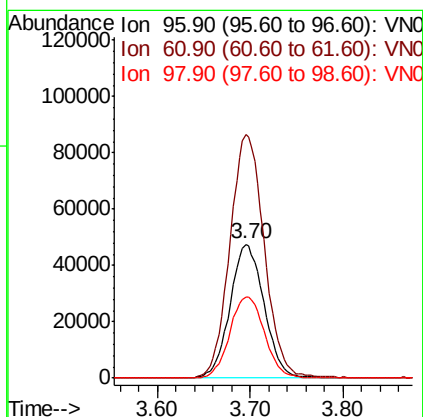
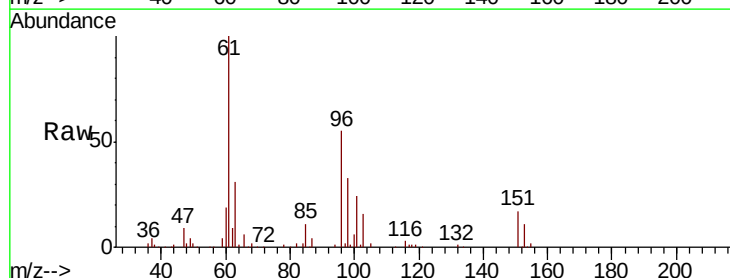
Tot Ion: 59 Resp: 125862
 Ion Ratio Lower Upper
 59 100
 57 11.7 9.4 14.0

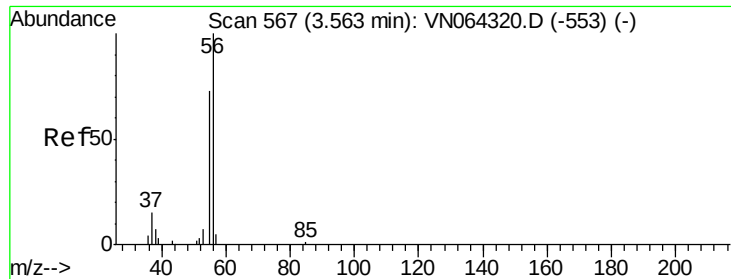


#12

1,1-Dichloroethene
 Concen: 47.537 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 96 Resp: 121519
 Ion Ratio Lower Upper
 96 100
 61 181.5 143.6 215.4
 98 60.4 48.6 73.0





#13

Acrolein

Concen: 275.954 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

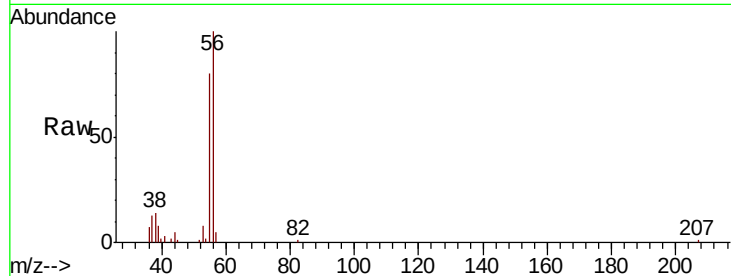
VSTDCCC050EC

Tot Ion: 56 Resp: 37646

Ion Ratio Lower Upper

56 100

55 71.7 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

15000

10000

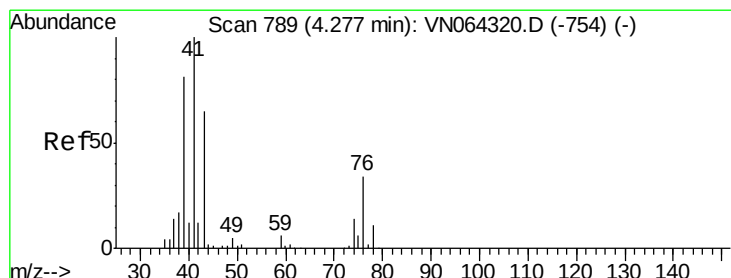
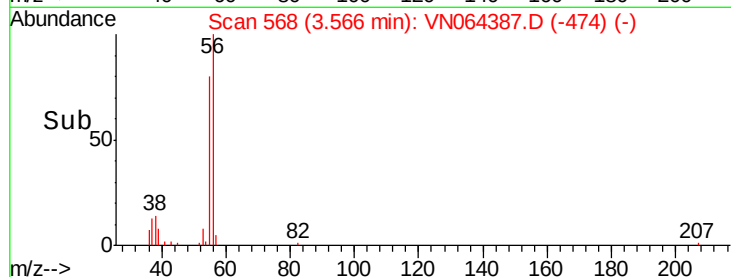
5000

0

3.57

3.50 3.60 3.70

Time-->



#14

Allyl chloride

Concen: 45.347 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

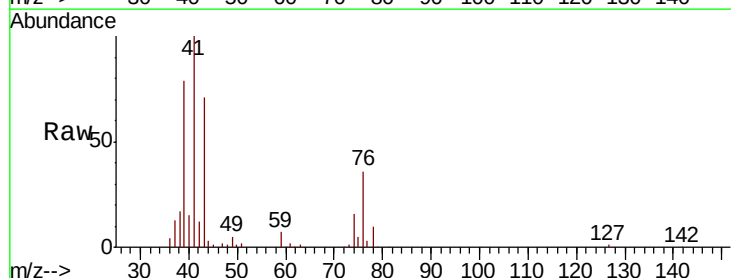
Tgt Ion: 41 Resp: 236694

Ion Ratio Lower Upper

41 100

39 76.5 61.7 92.5

76 31.8 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

100000

80000

60000

40000

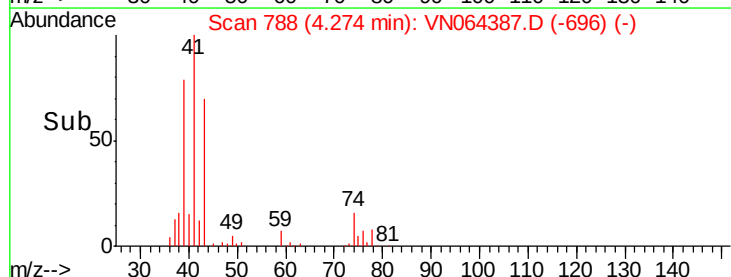
20000

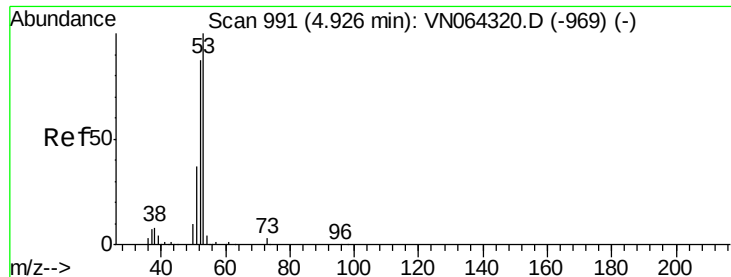
0

4.27

4.10 4.20 4.30 4.40

Time-->

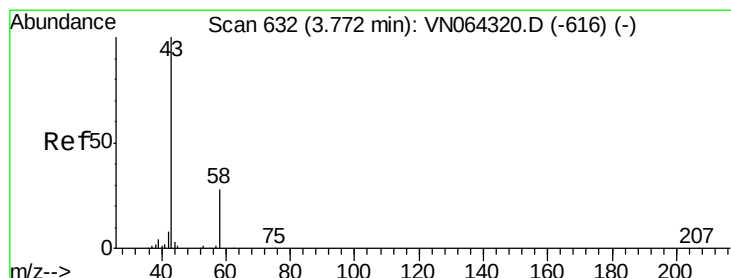
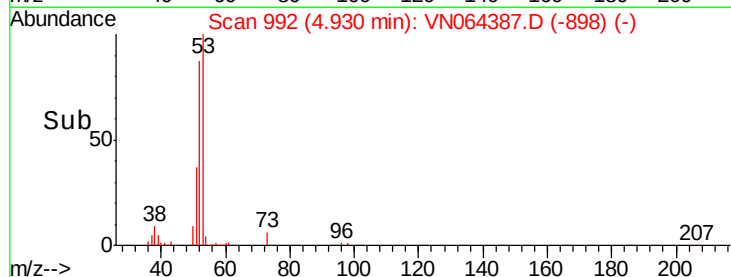
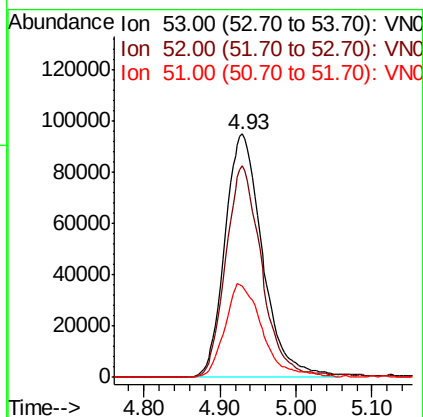
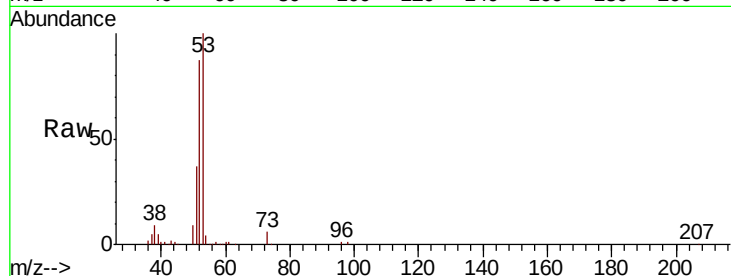




#15
 Acrylonitrile
 Concen: 242.670 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

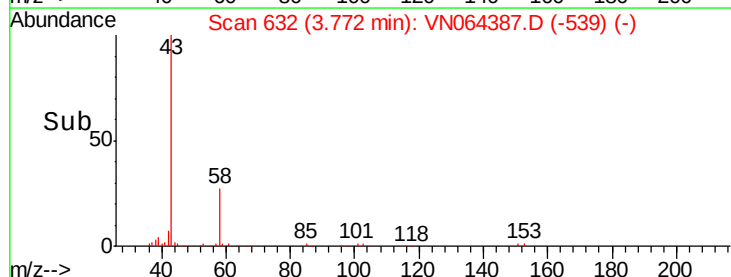
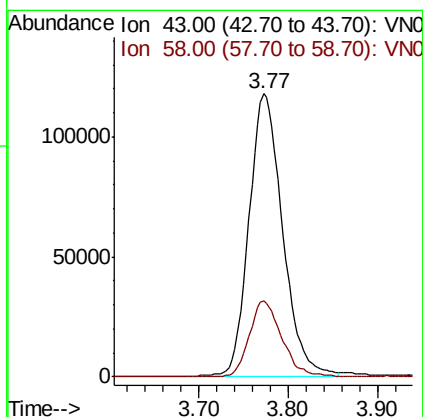
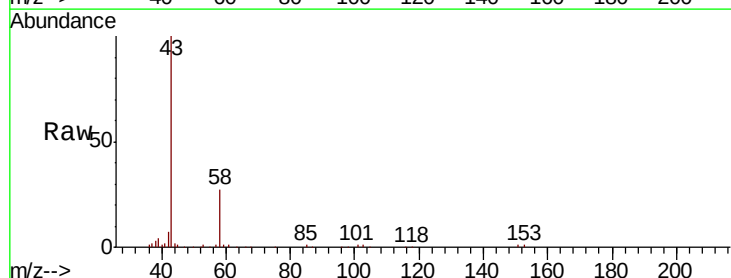
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

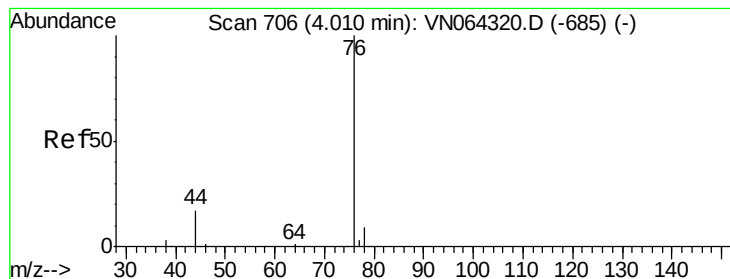
Tot Ion: 53 Resp: 325732
 Ion Ratio Lower Upper
 53 100
 52 83.4 65.9 98.9
 51 38.5 30.4 45.6



#16
 Acetone
 Concen: 209.734 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 43 Resp: 309184
 Ion Ratio Lower Upper
 43 100
 58 26.7 22.1 33.1





#17

Carbon Disulfide

Concen: 43.024 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

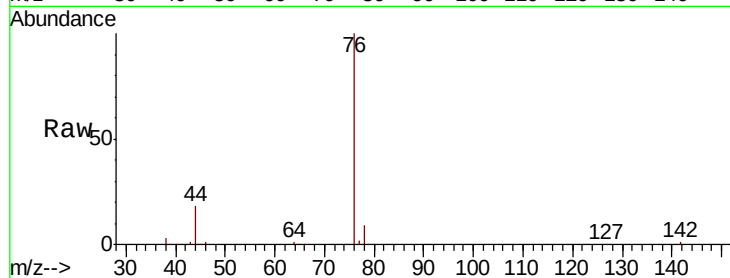
VSTDCCC050EC

Tot Ion: 76 Resp: 325399

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

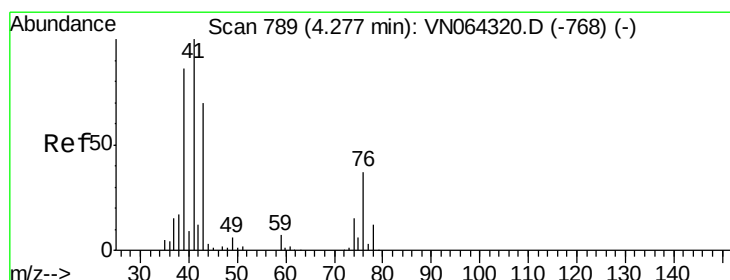
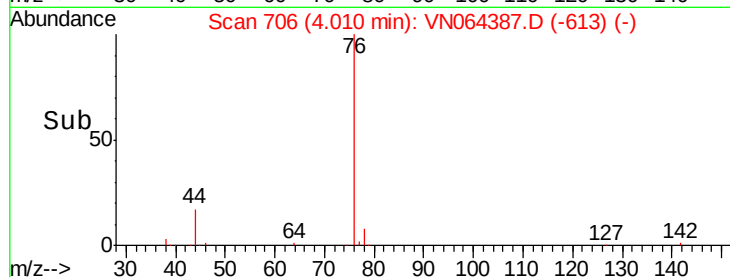
100000

50000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 48.156 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064387.D

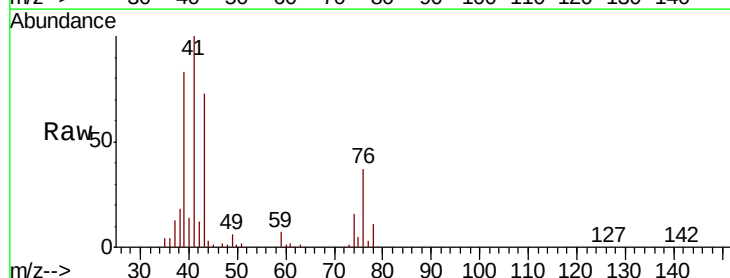
Acq: 29 Oct 2020 20:30

Tgt Ion: 43 Resp: 155542

Ion Ratio Lower Upper

43 100

74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

60000

50000

40000

30000

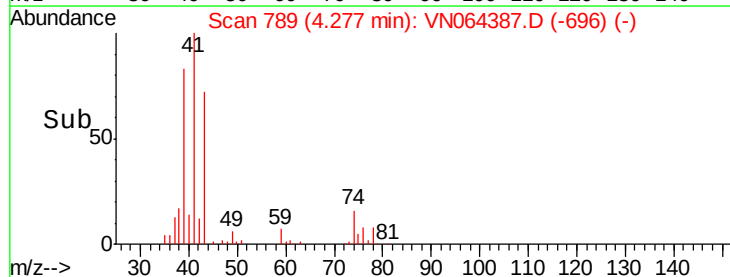
20000

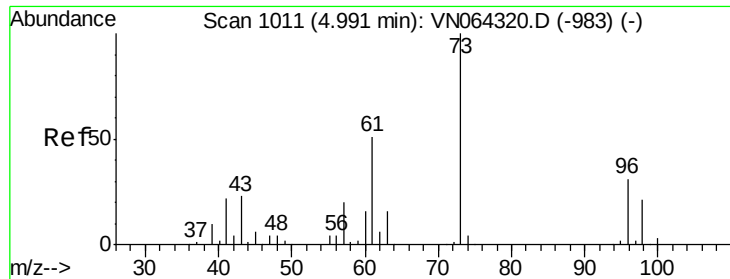
10000

0

Time-->

4.20 4.30 4.40

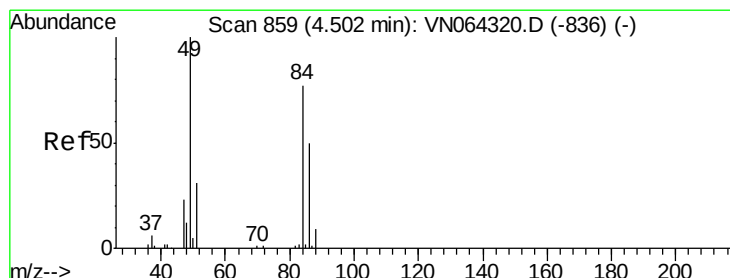
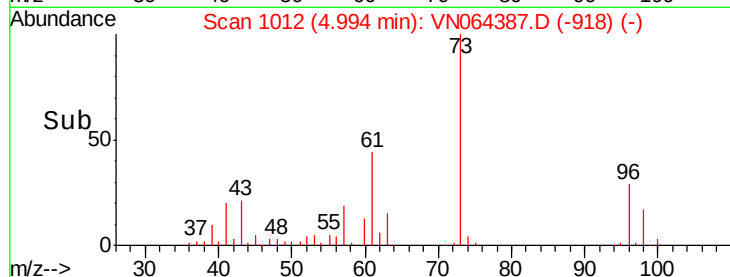
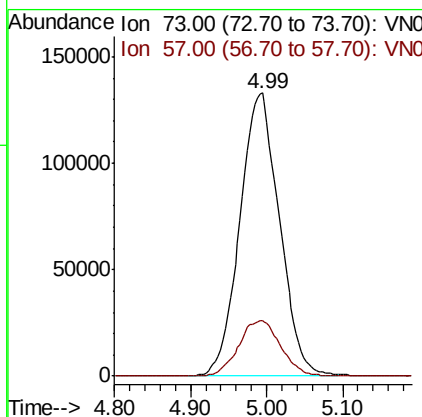
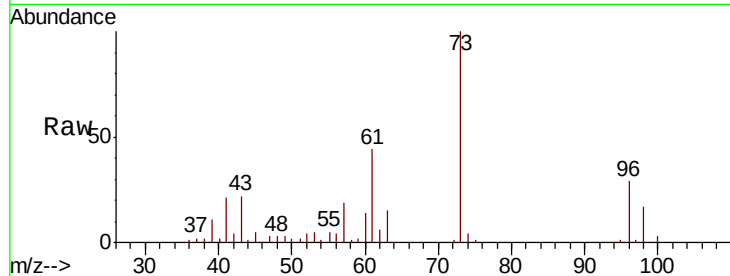




#19
Methyl tert-butyl Ether
Concen: 49.053 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

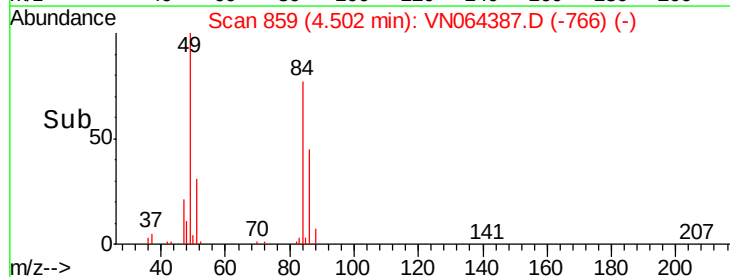
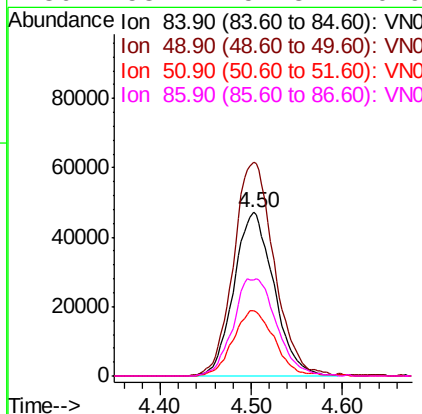
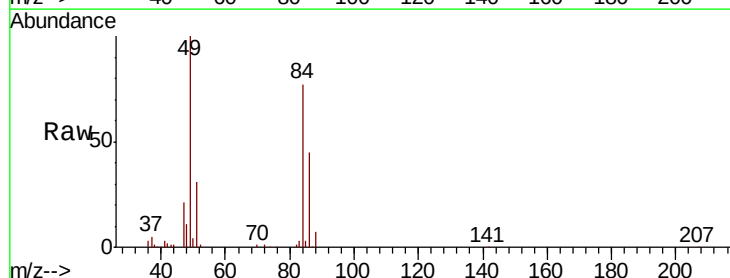
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

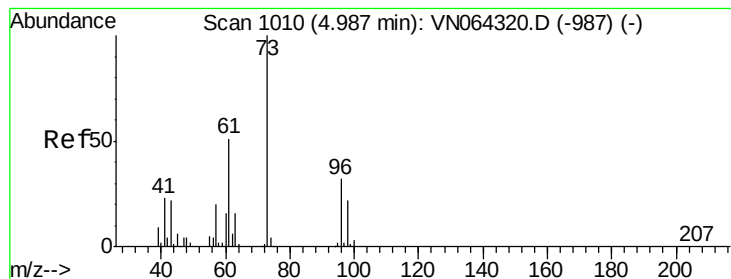
Tot Ion: 73 Resp: 481787
Ion Ratio Lower Upper
73 100
57 19.4 16.1 24.1



#20
Methylene Chloride
Concen: 47.444 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 84 Resp: 144675
Ion Ratio Lower Upper
84 100
49 130.6 103.6 155.4
51 40.1 31.8 47.8
86 58.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.461 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

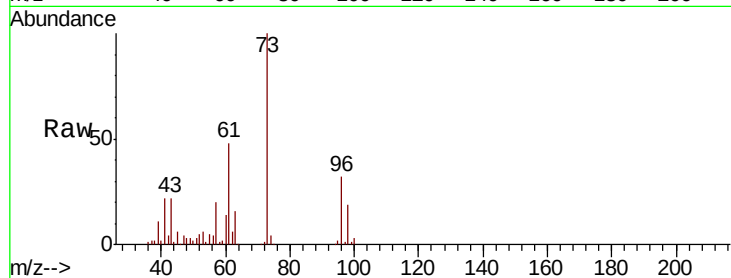
Tot Ion: 96 Resp: 132491

Ion Ratio Lower Upper

96 100

61 148.3 128.2 192.2

98 57.7 56.1 84.1

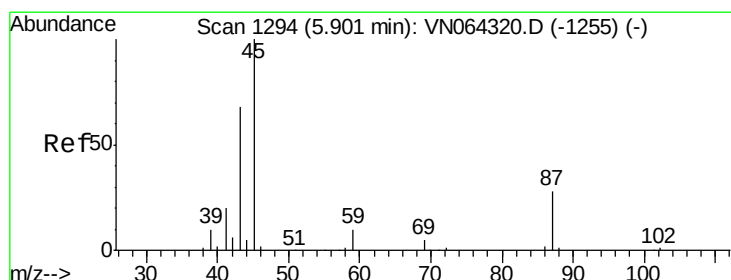
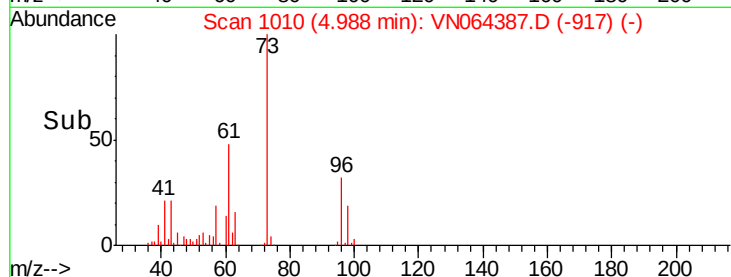
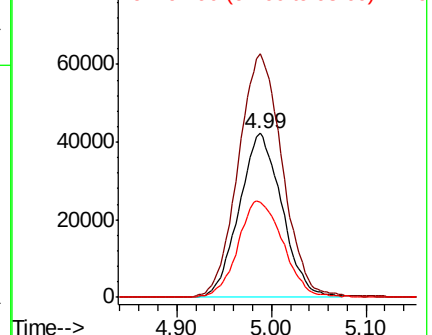


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.203 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion: 45 Resp: 491781

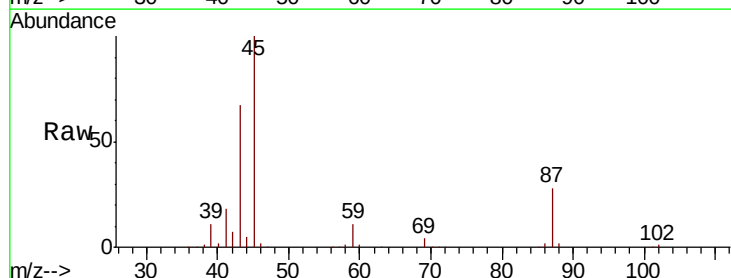
Ion Ratio Lower Upper

45 100

43 66.0 54.6 82.0

87 28.1 22.6 33.8

59 11.0 8.6 12.8



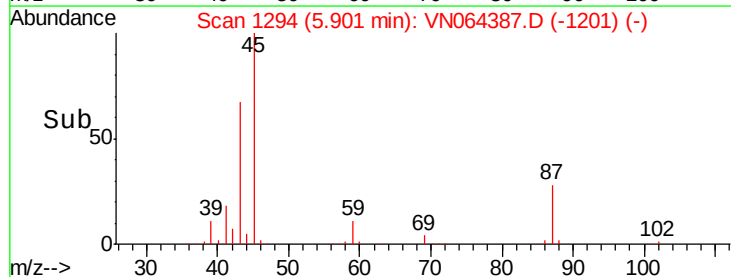
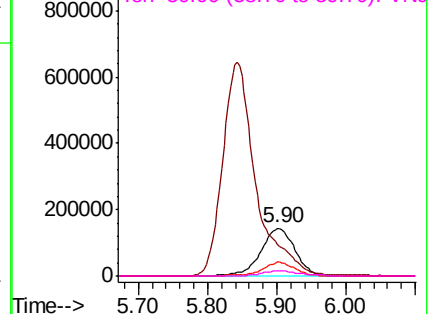
Abundance

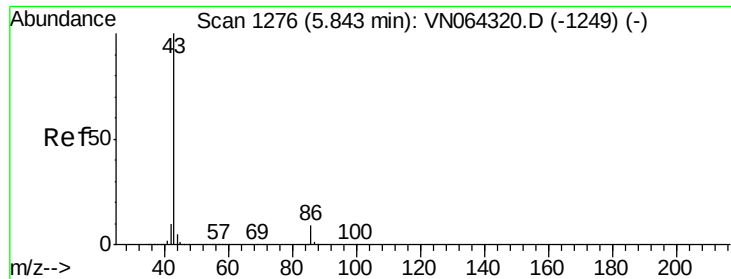
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 249.533 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

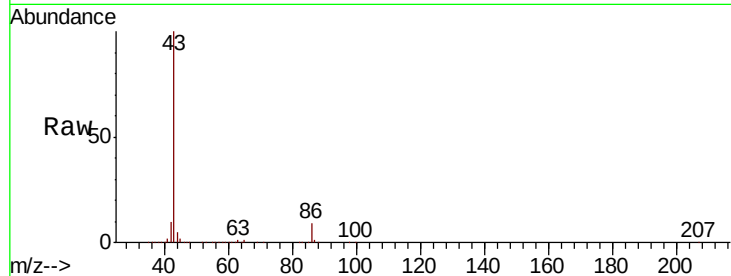
VSTDCCC050EC

Tot Ion: 43 Resp: 2153834

Ion Ratio Lower Upper

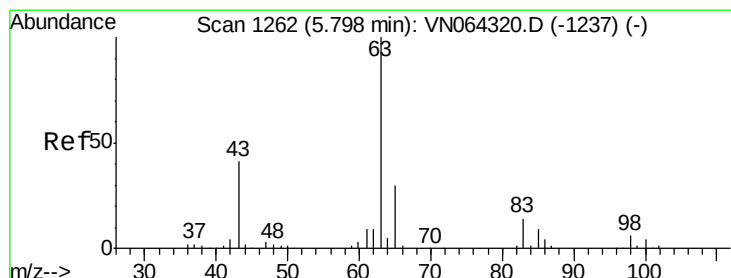
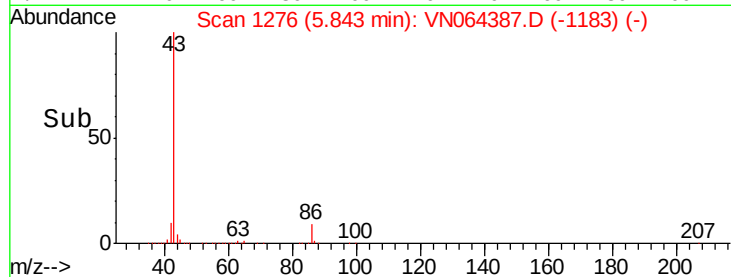
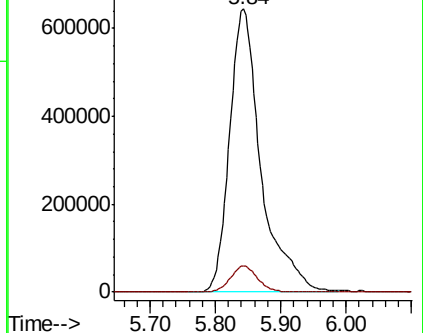
43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN064387.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN064387.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 46.968 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

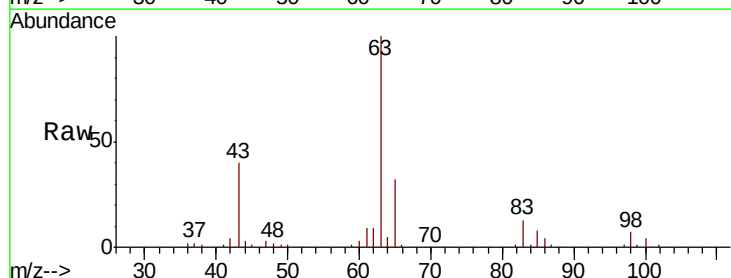
Tgt Ion: 63 Resp: 268136

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

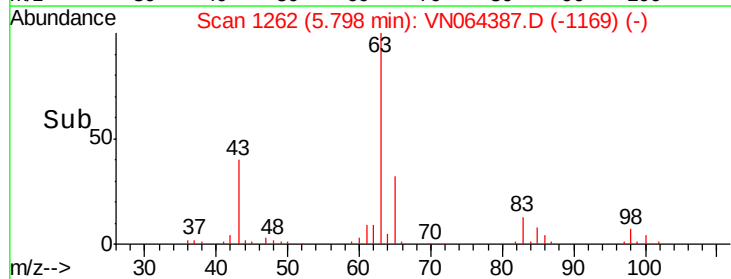
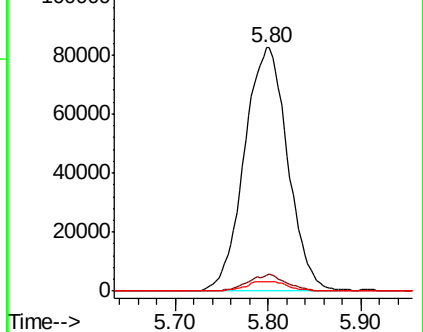
100 3.8 2.0 5.8

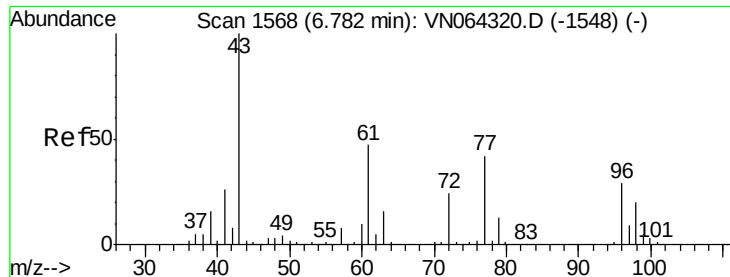


Abundance Ion 62.90 (62.60 to 63.60): VN064387.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064387.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064387.D (-1169) (-)

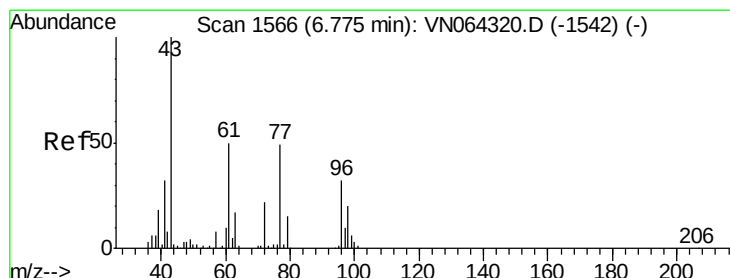
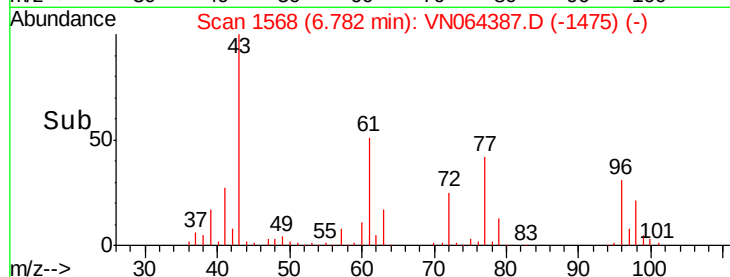
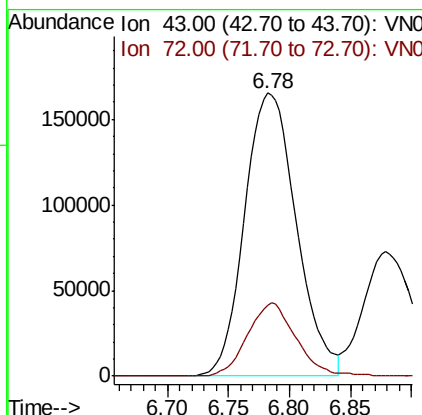
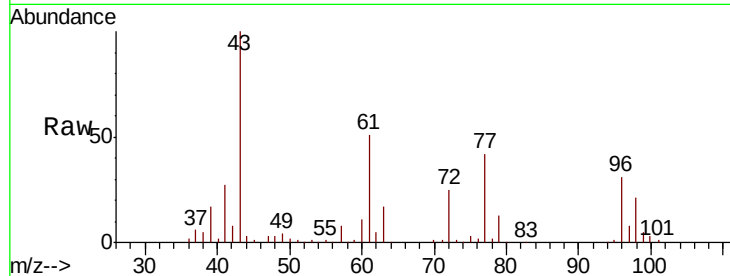




#25
 2-Butanone
 Concen: 224.356 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

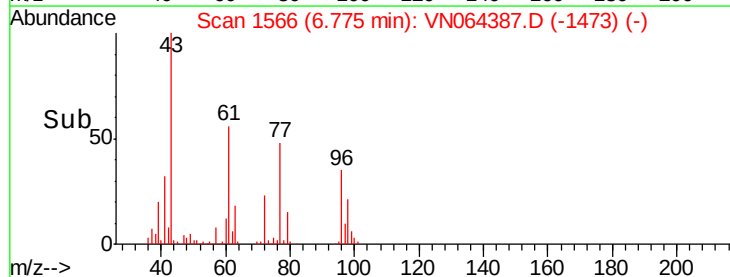
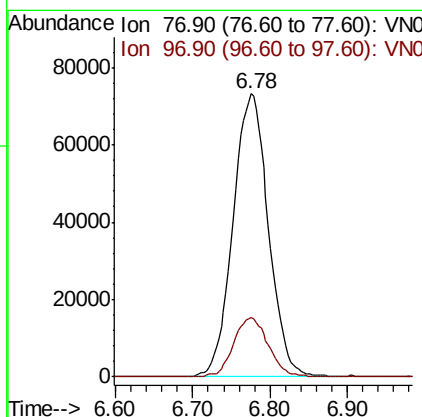
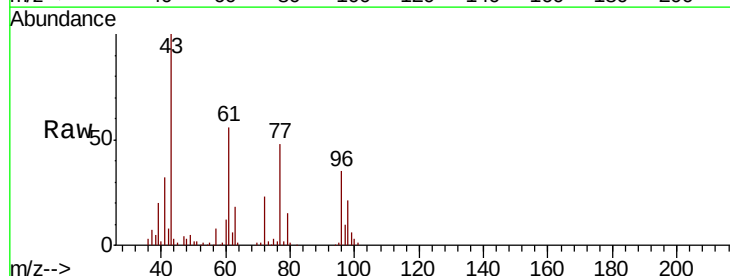
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

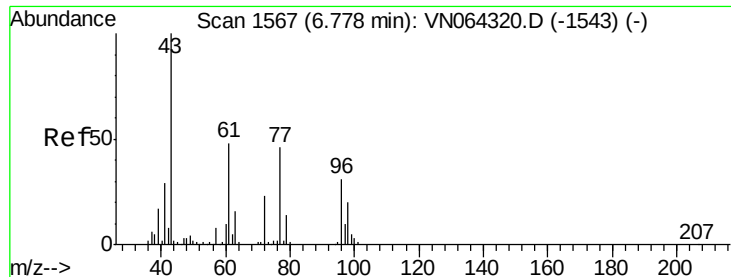
Tot Ion: 43 Resp: 484367
 Ion Ratio Lower Upper
 43 100
 72 25.0 18.8 28.2



#26
 2,2-Dichloropropane
 Concen: 41.562 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 77 Resp: 232221
 Ion Ratio Lower Upper
 77 100
 97 20.5 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.660 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

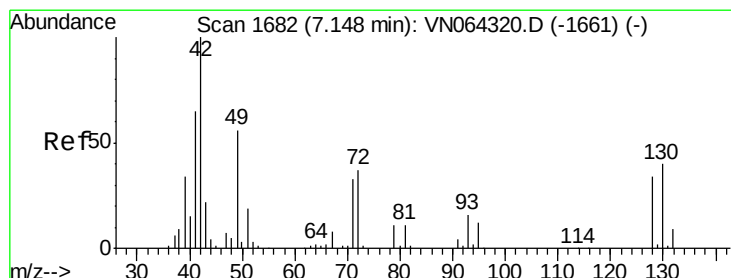
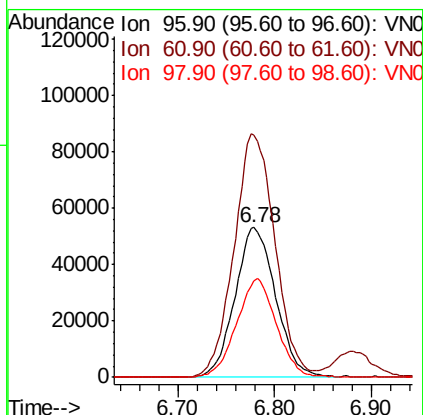
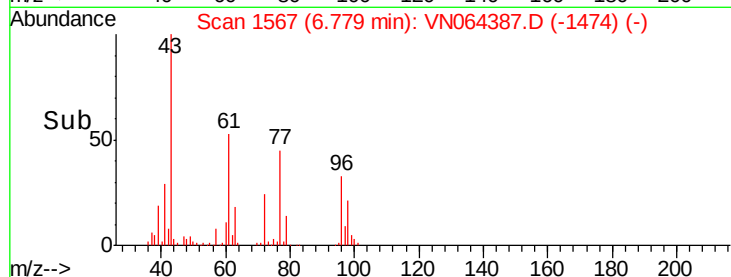
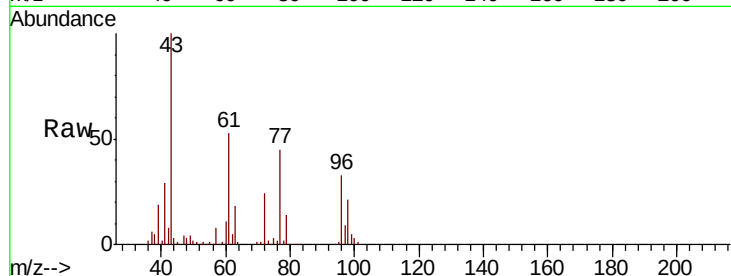
Tot Ion: 96 Resp: 155541

Ion Ratio Lower Upper

96 100

61 163.3 0.0 325.0

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 46.884 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

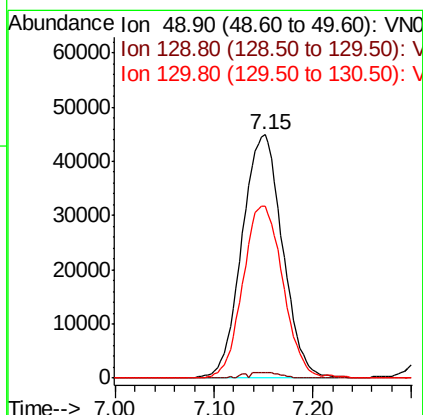
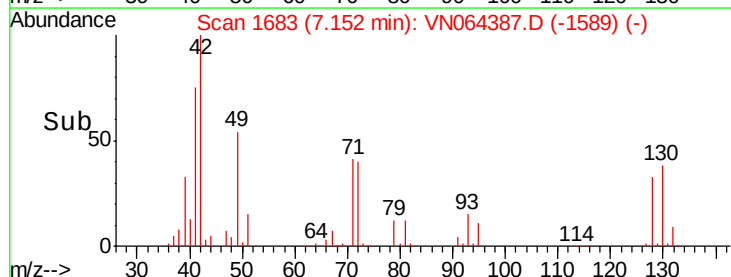
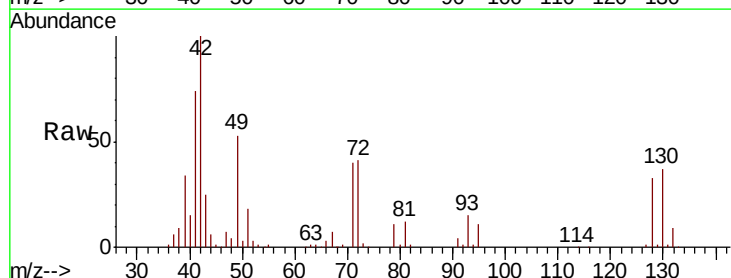
Tgt Ion: 49 Resp: 127525

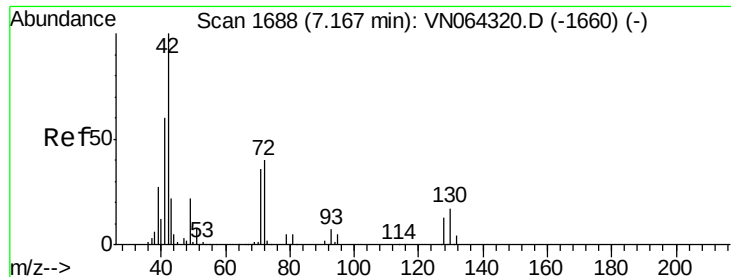
Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.8

130 69.7 56.2 84.2

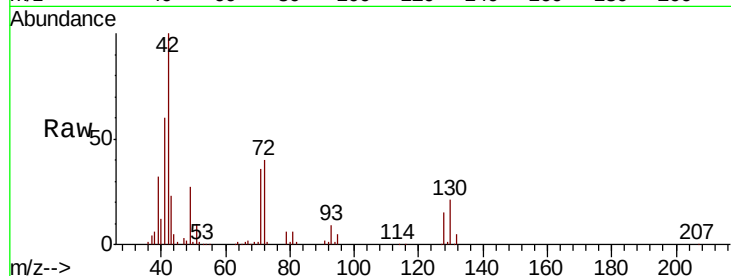




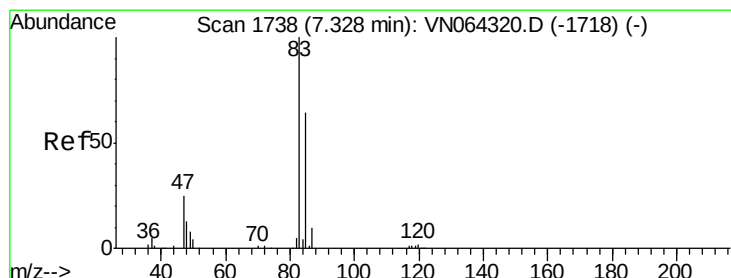
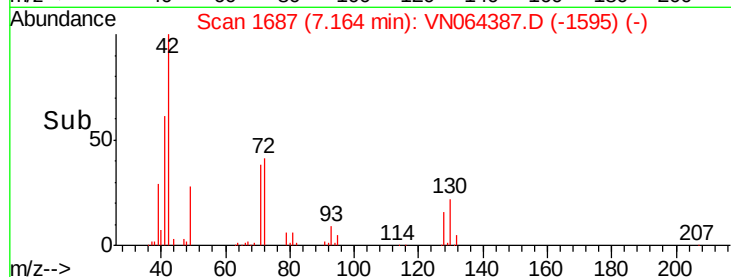
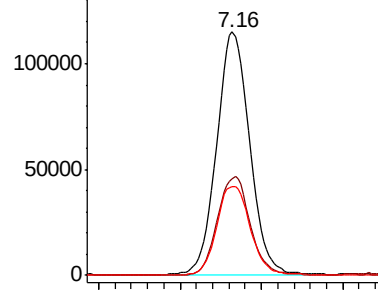
#29
Tetrahydrofuran
Concen: 230.674 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 323303
Ion Ratio Lower Upper
42 100
72 40.0 31.6 47.4
71 37.0 29.4 44.0

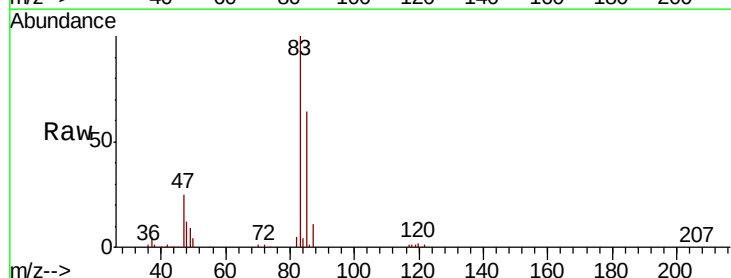


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

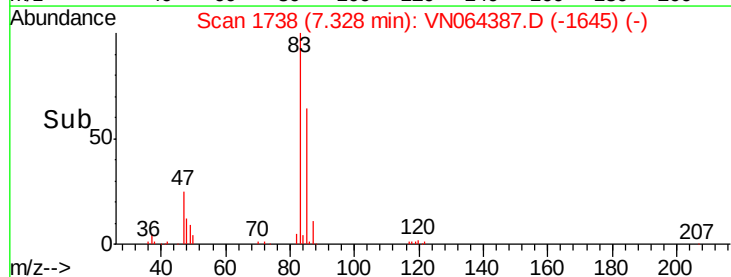
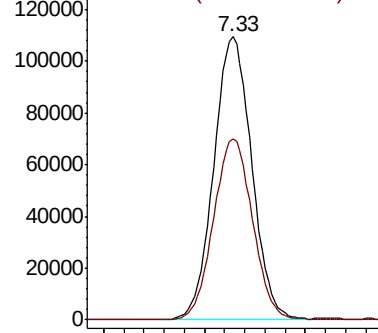


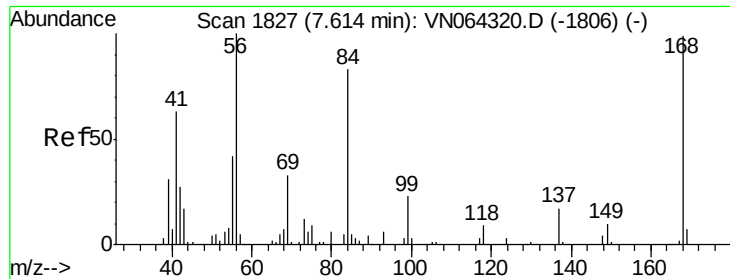
#30
Chloroform
Concen: 46.872 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 83 Resp: 285622
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

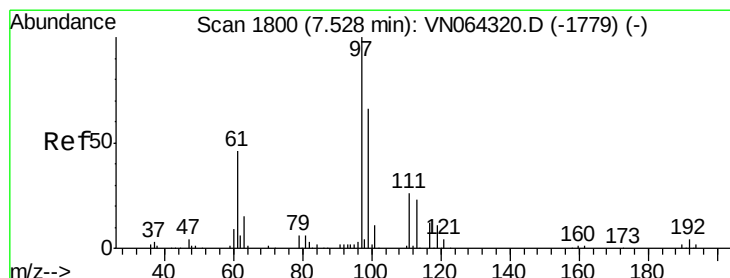
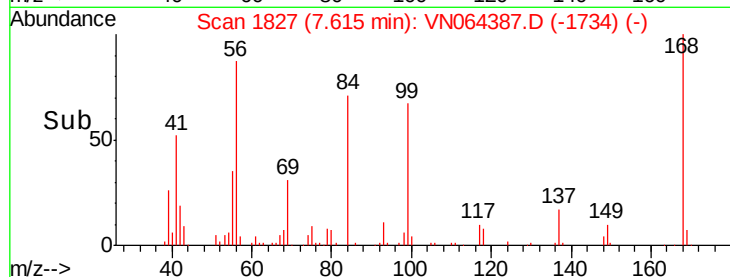
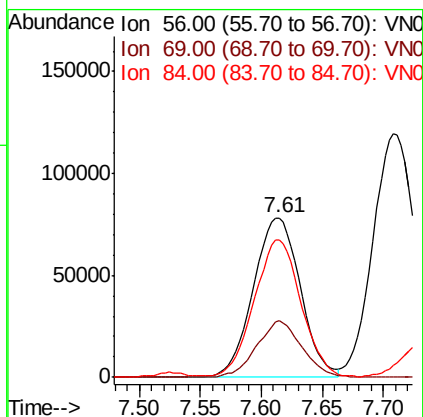
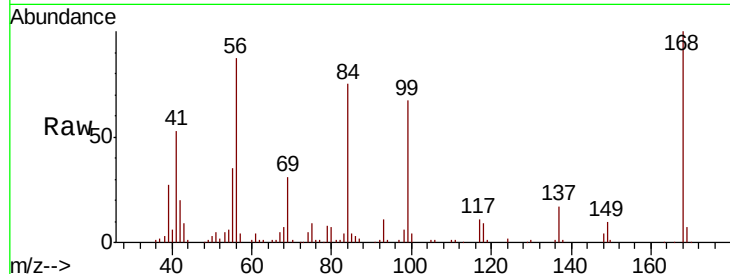




#31
Cyclohexane
Concen: 42.080 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

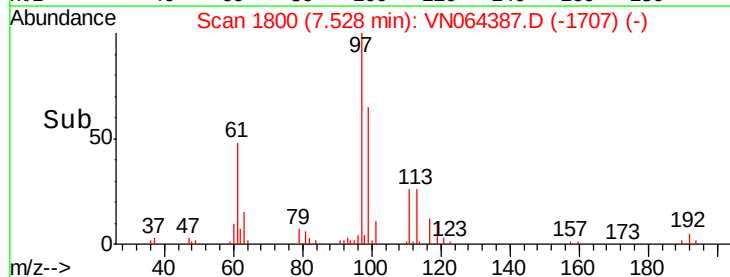
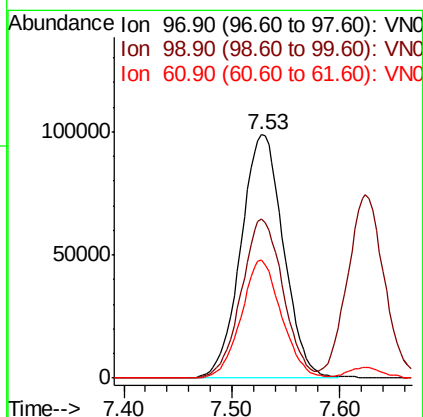
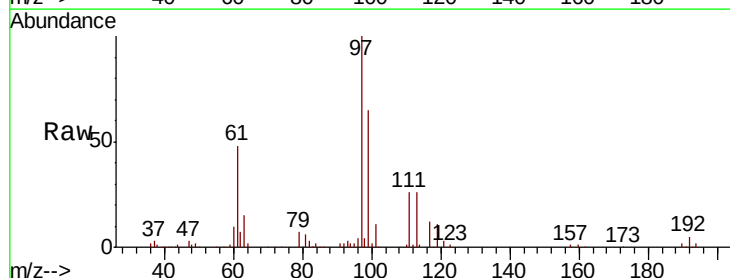
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

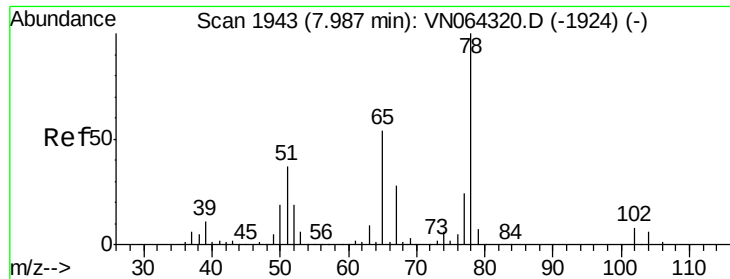
Tot Ion: 56 Resp: 209993
Ion Ratio Lower Upper
56 100
69 35.3 25.8 38.8
84 85.0 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 46.239 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 97 Resp: 270570
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 45.8 35.8 53.6

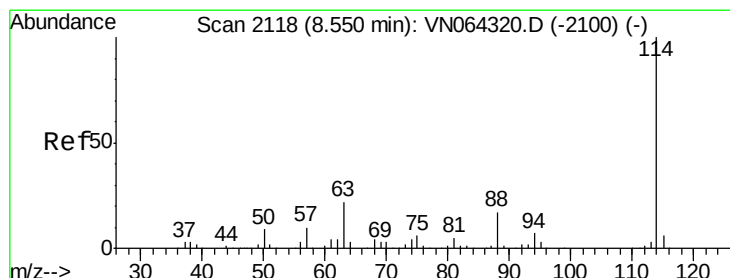
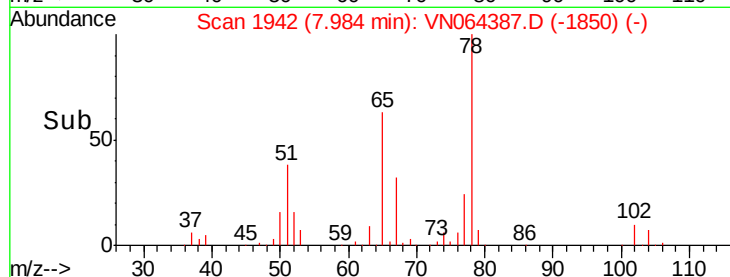
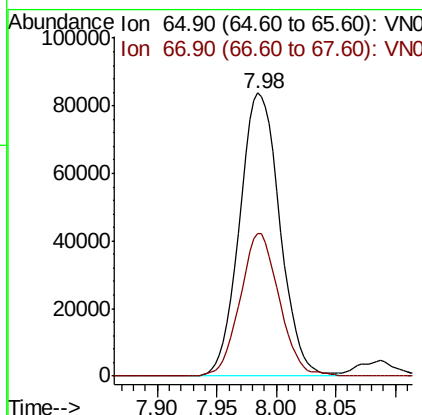
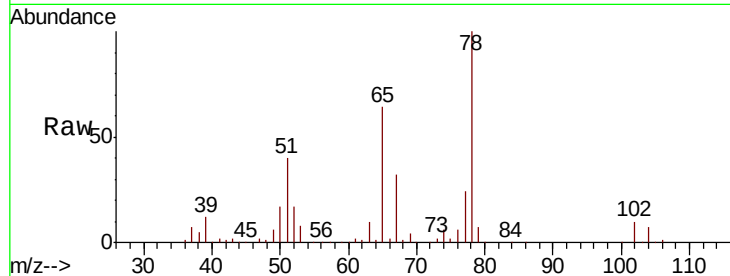




#33
 1,2-Dichloroethane-d4
 Concen: 45.711 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

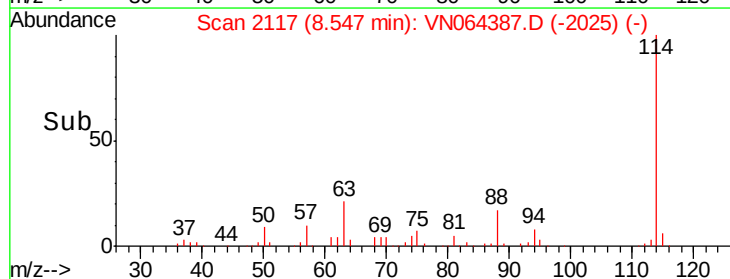
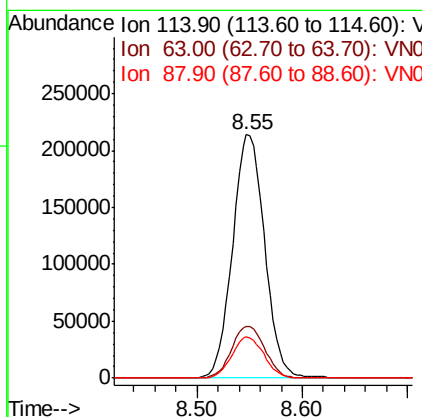
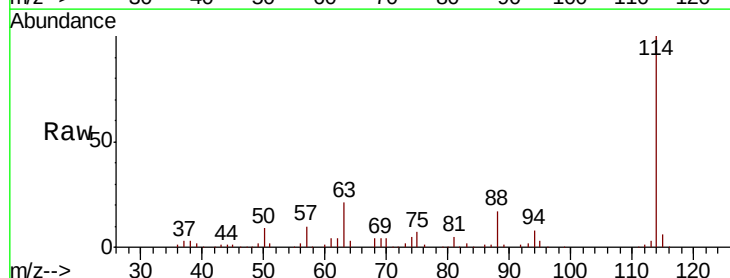
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

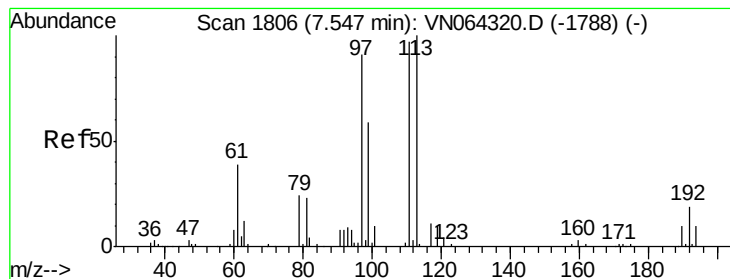
Tot Ion: 65 Resp: 196547
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 114 Resp: 451406
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.6
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.788 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

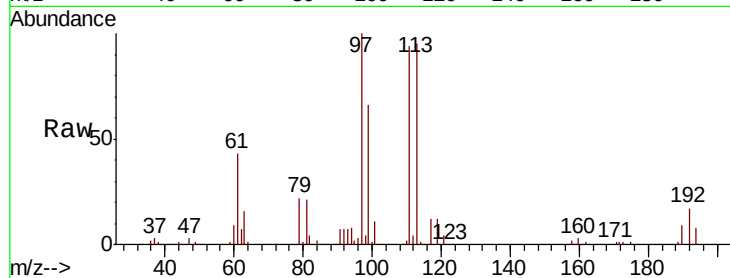
Tot Ion:113 Resp: 137836

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

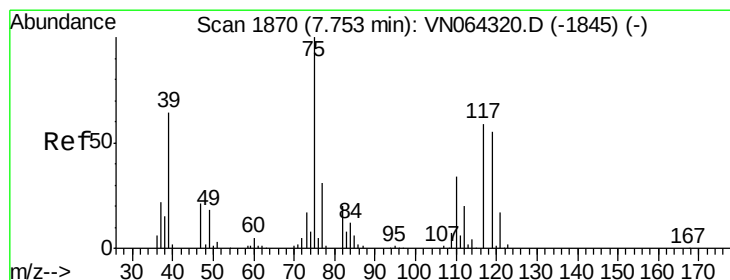
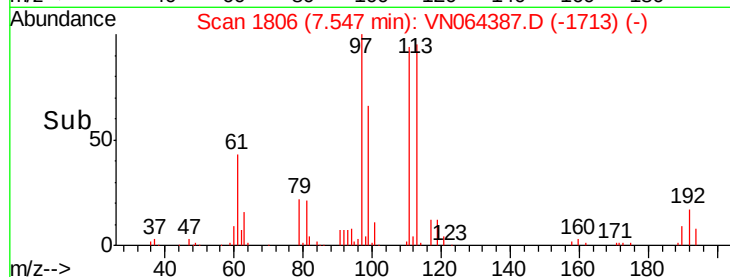
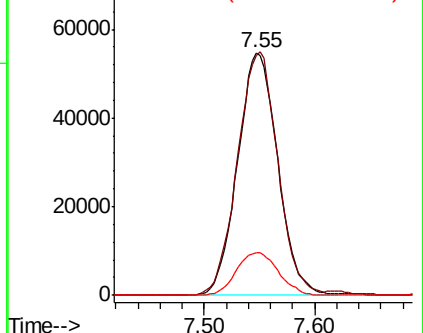
192 18.3 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.292 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

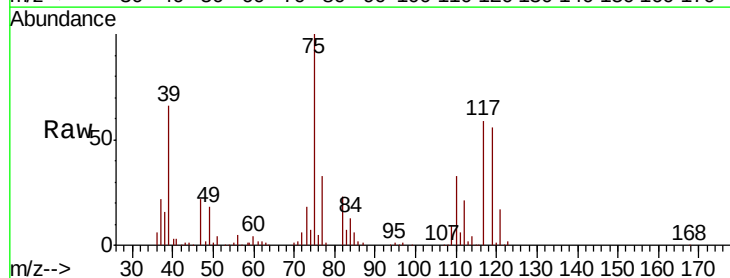
Tgt Ion: 75 Resp: 201783

Ion Ratio Lower Upper

75 100

110 34.0 16.8 50.3

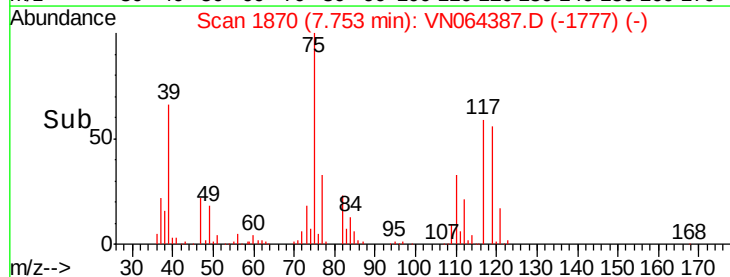
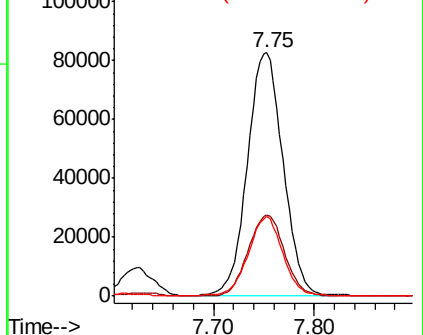
77 31.9 24.2 36.4

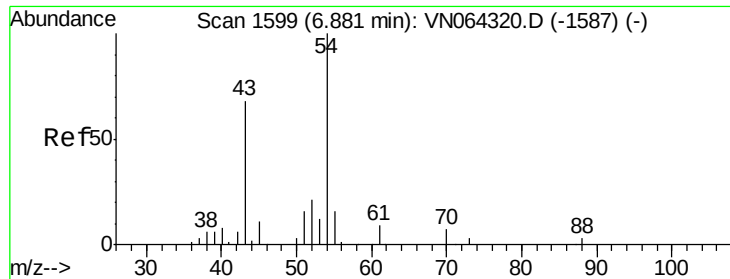


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

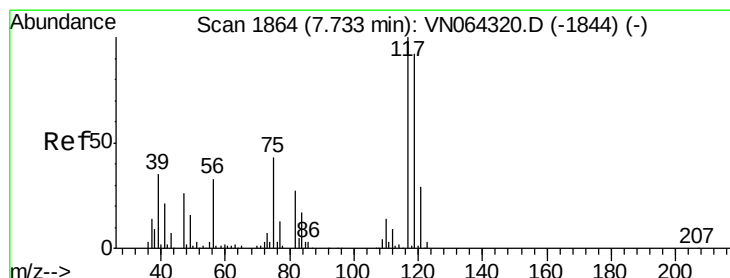
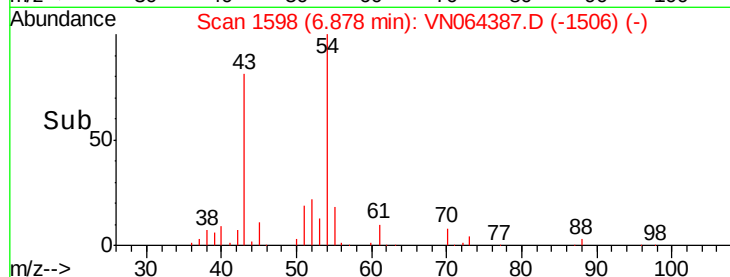
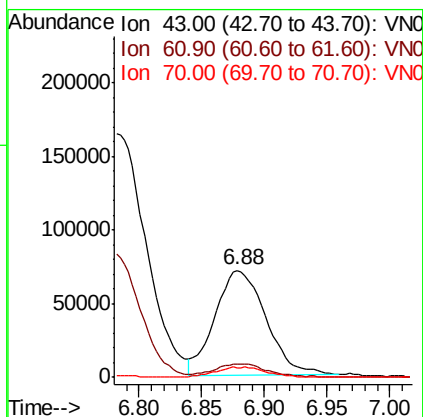
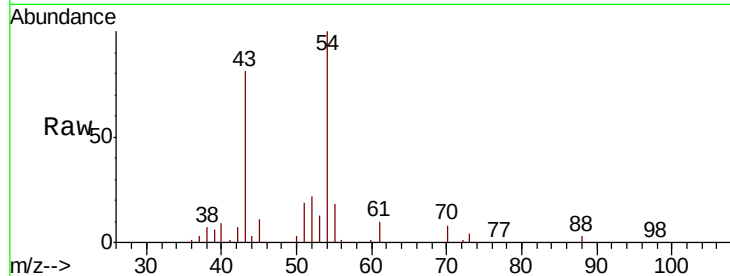




#37
Ethyl Acetate
Concen: 43.763 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

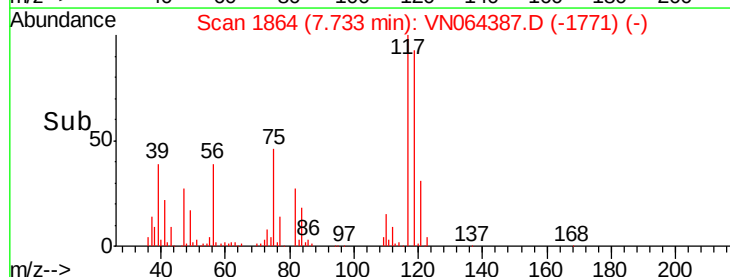
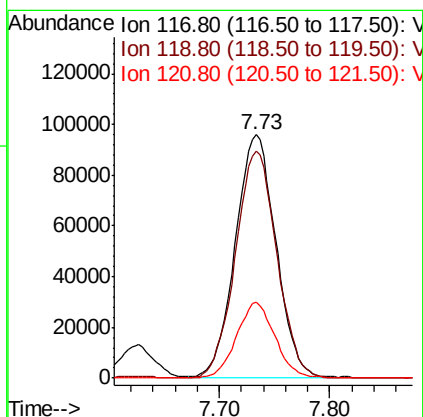
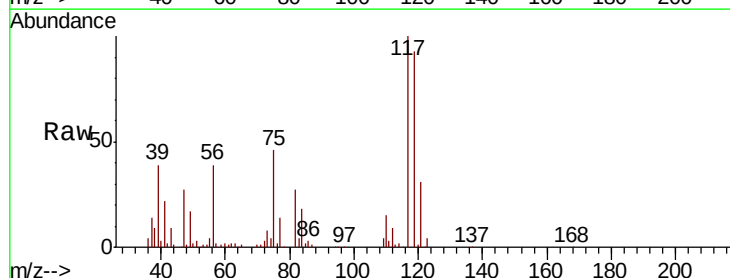
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

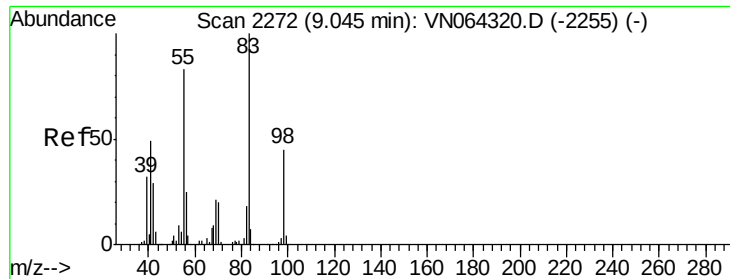
Tot Ion: 43 Resp: 201387
Ion Ratio Lower Upper
43 100
61 12.9 10.0 15.0
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.996 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 117 Resp: 242933
Ion Ratio Lower Upper
117 100
119 93.4 73.7 110.5
121 31.5 22.8 34.2

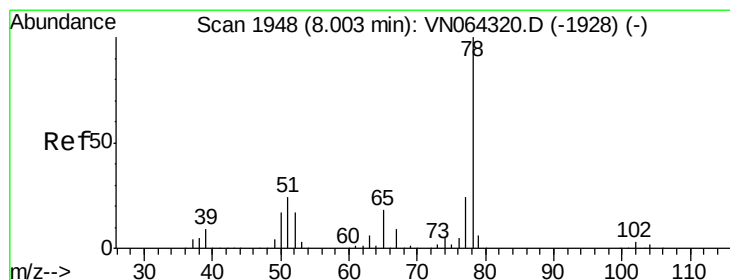
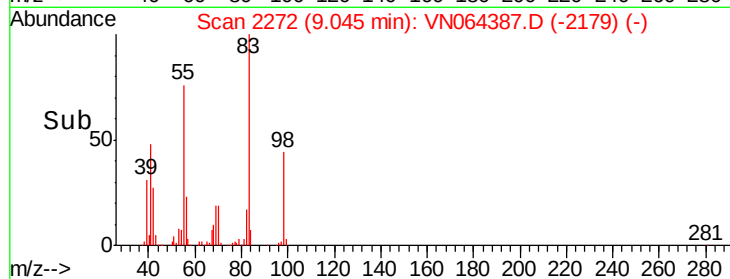
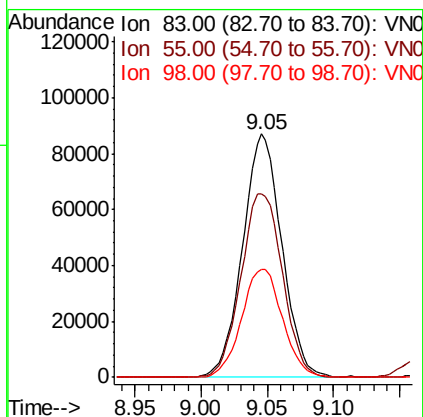
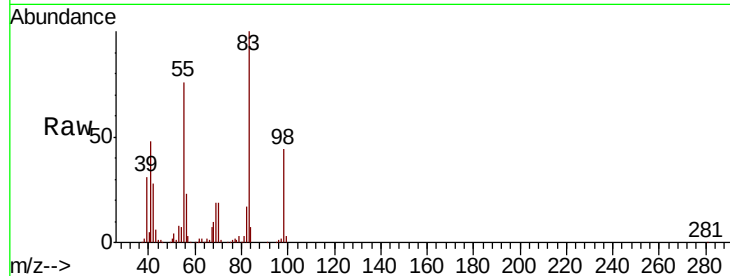




#39
Methylvlcyclohexane
Concen: 39.605 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

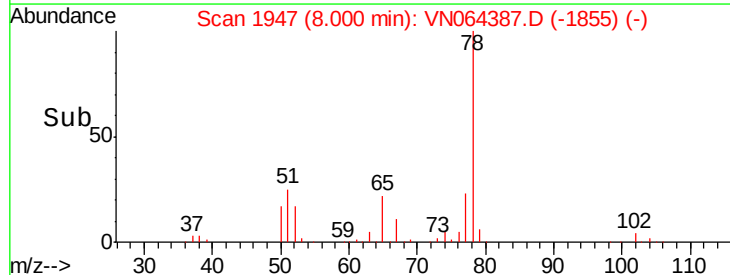
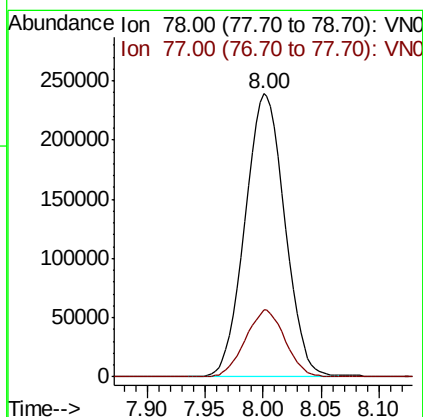
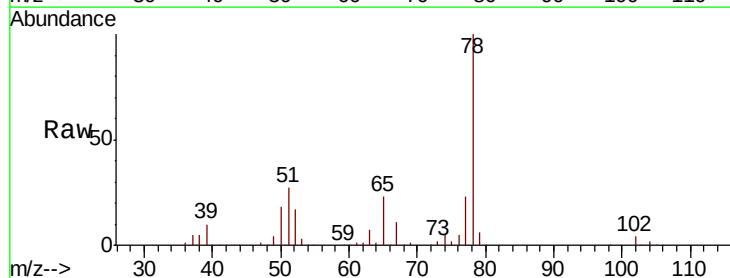
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

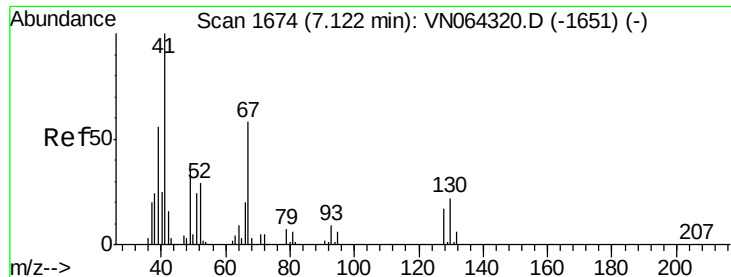
Tot Ion: 83 Resp: 178904
Ion Ratio Lower Upper
83 100
55 75.3 66.2 99.4
98 44.2 36.0 54.0



#40
Benzene
Concen: 45.122 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 78 Resp: 572187
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

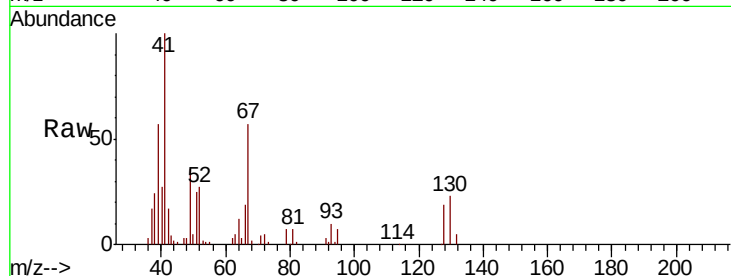




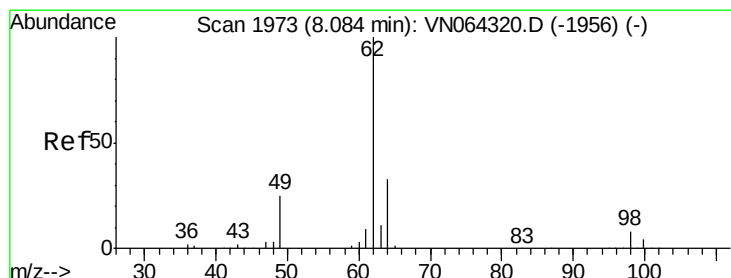
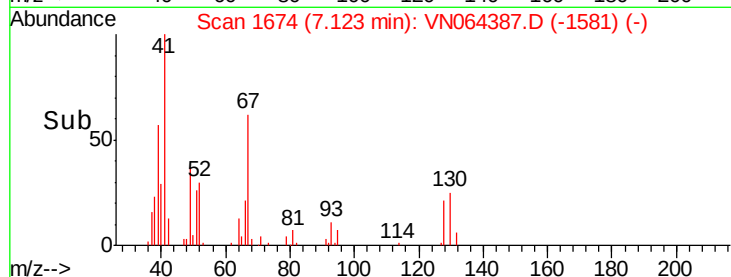
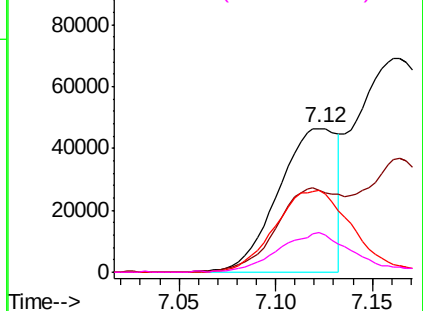
#41
Methacrylonitrile
Concen: 43.087 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	98424
Ion	Ratio	Lower	Upper
41	100		
39	64.0	48.6	72.8
67	74.4	61.4	92.2
52	35.5	27.6	41.4

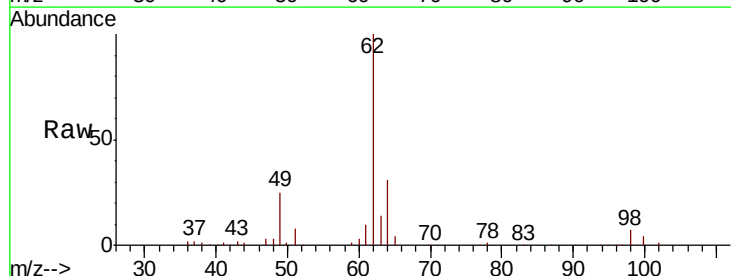


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

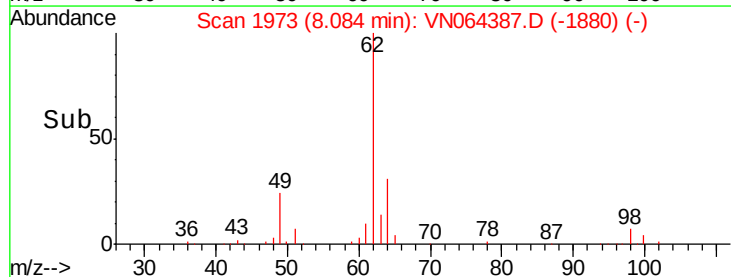
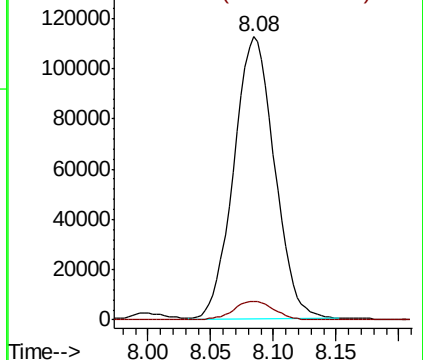


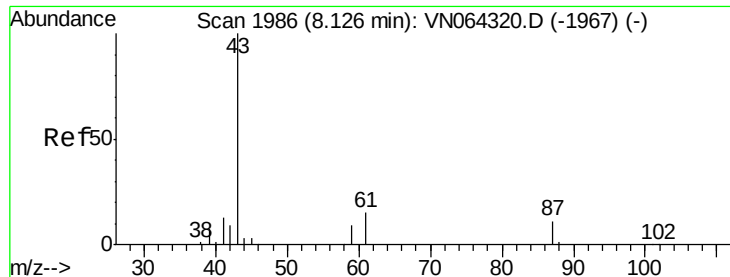
#42
1,2-Dichloroethane
Concen: 46.221 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion:	62	Resp:	253191
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	14.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.808 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

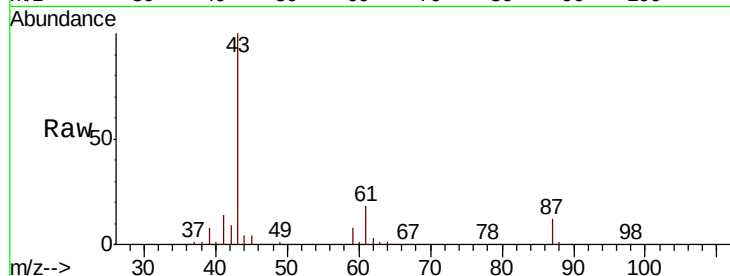
Tot Ion: 43 Resp: 376072

Ion Ratio Lower Upper

43 100

61 16.8 19.1 28.7#

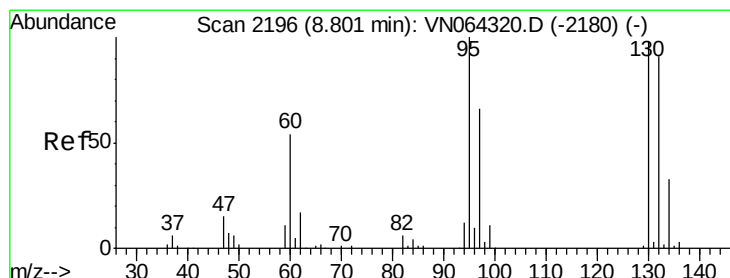
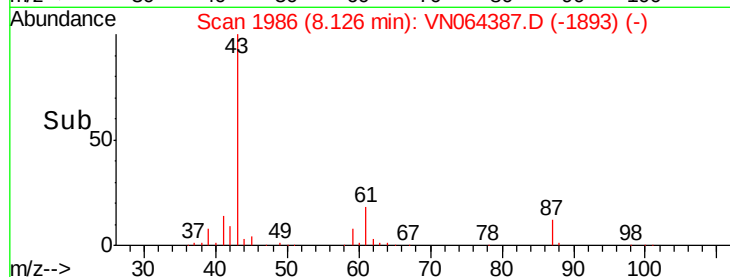
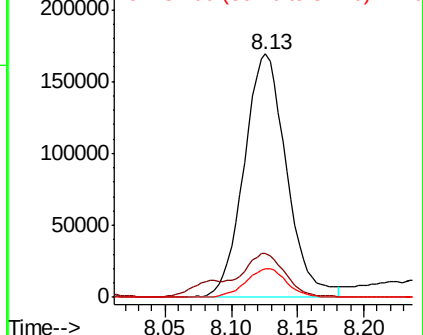
87 11.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 47.227 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064387.D

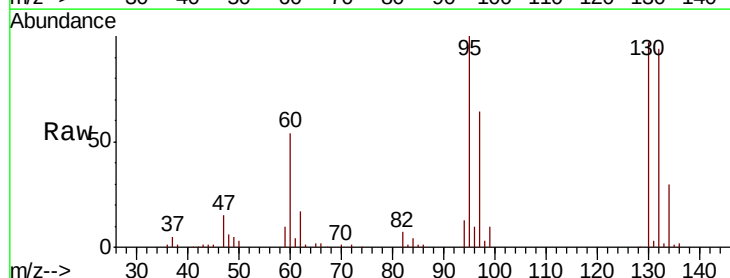
Acq: 29 Oct 2020 20:30

Tgt Ion:130 Resp: 156885

Ion Ratio Lower Upper

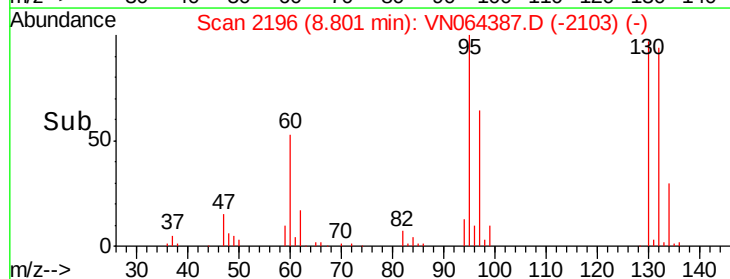
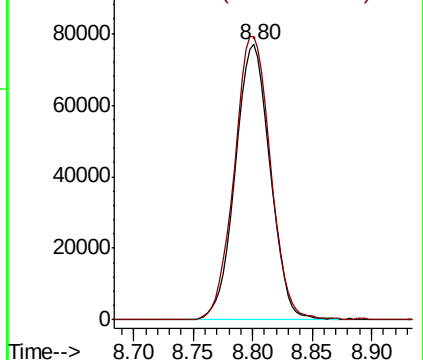
130 100

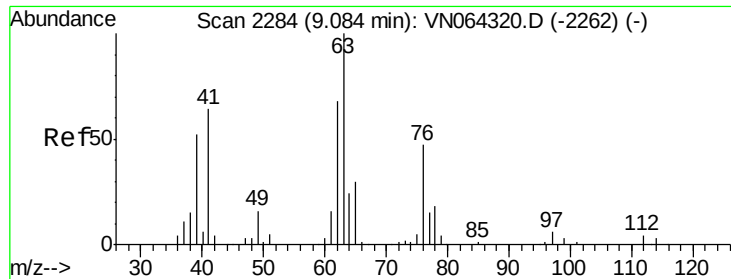
95 102.9 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

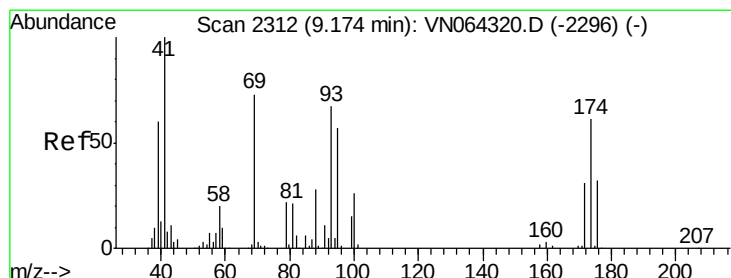
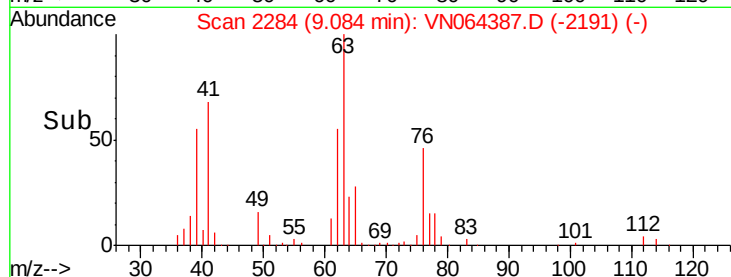
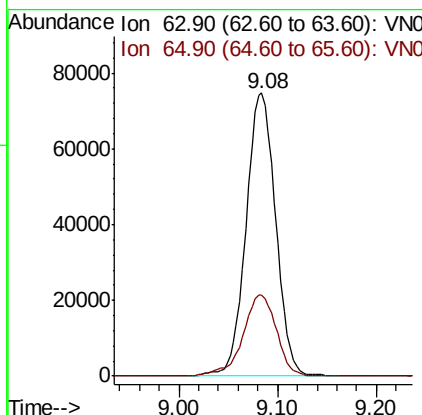
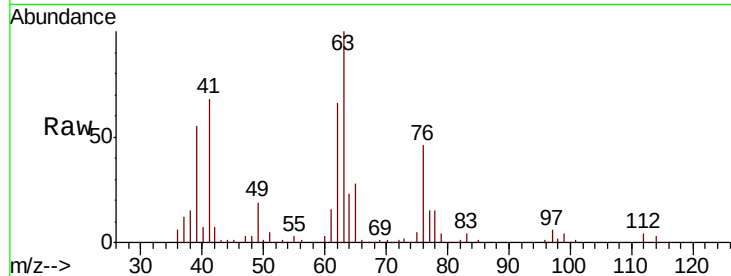




#45
 1,2-Dichloropropane
 Concen: 45.634 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

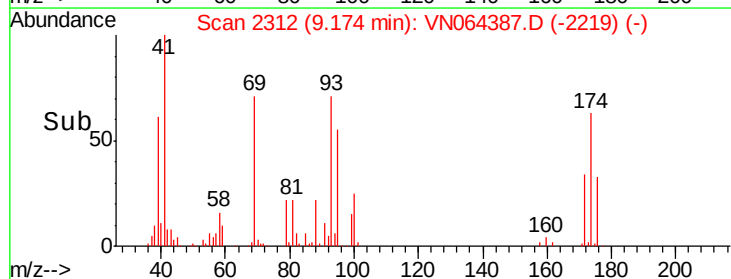
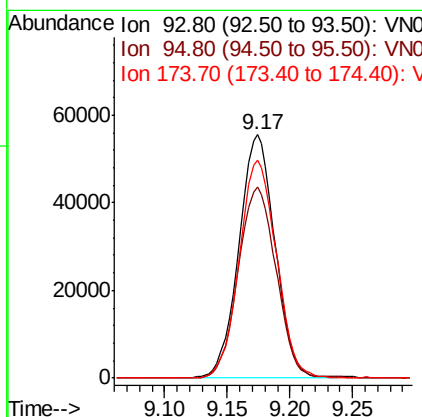
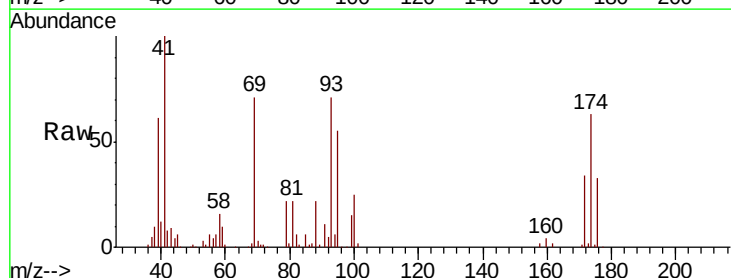
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

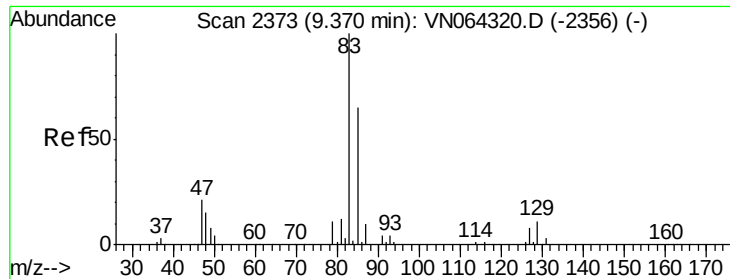
Tot Ion: 63 Resp: 154963
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.3 36.5



#46
 Dibromomethane
 Concen: 46.884 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 93 Resp: 111379
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.4 96.6
 174 91.7 71.4 107.0

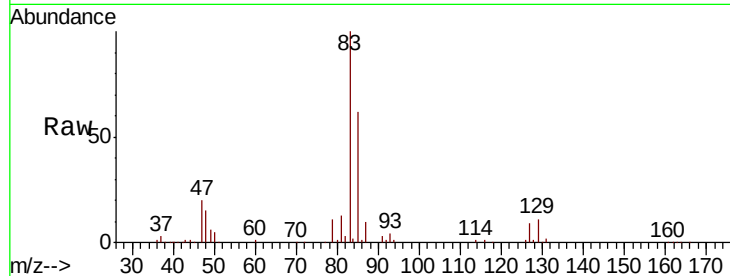




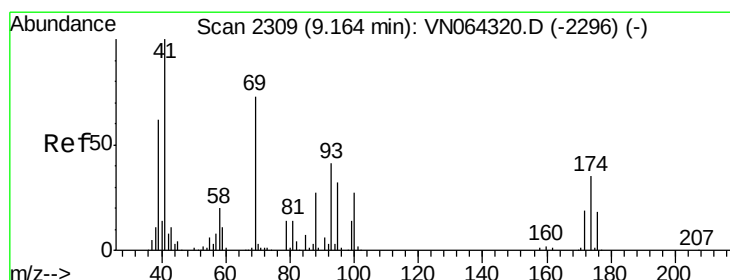
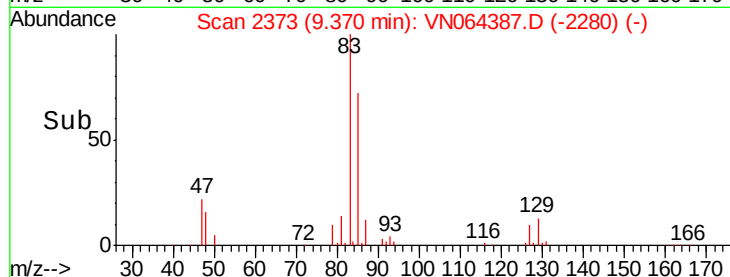
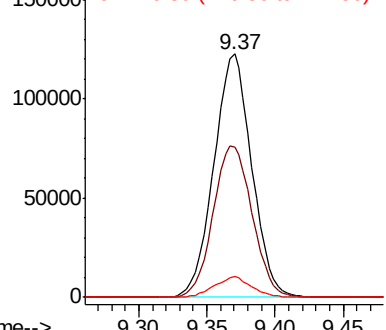
#47
Bromodichloromethane
Concen: 44.933 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 236563
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 8.5 6.7 10.1

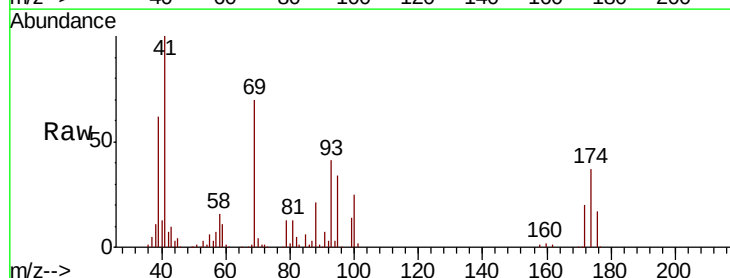


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

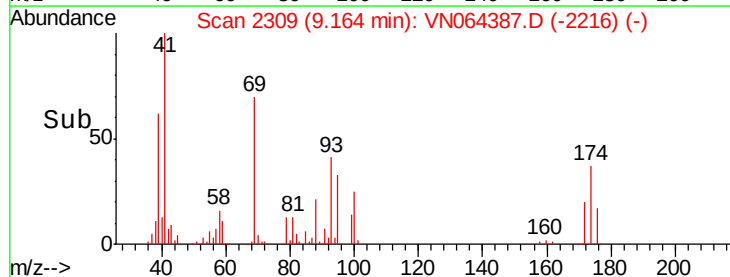
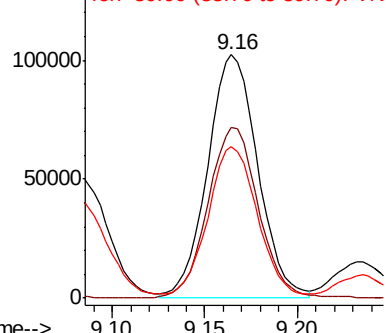


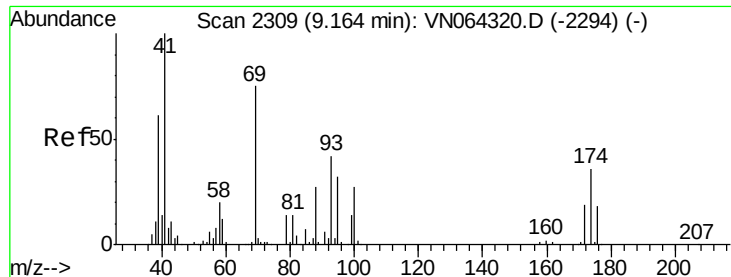
#48
Methyl methacrylate
Concen: 47.189 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 41 Resp: 191516
Ion Ratio Lower Upper
41 100
69 71.2 59.1 88.7
39 62.1 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 757.975 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

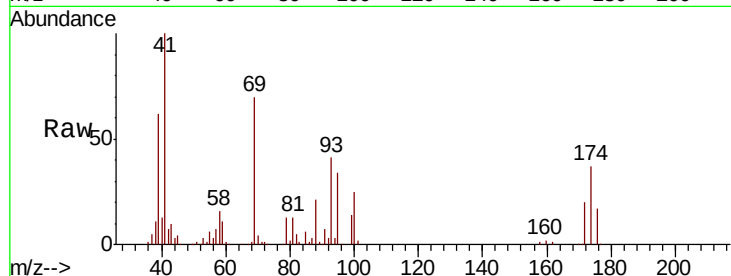
Tot Ion: 88 Resp: 45342

Ion Ratio Lower Upper

88 100

43 40.7 31.8 47.8

58 74.4 60.3 90.5

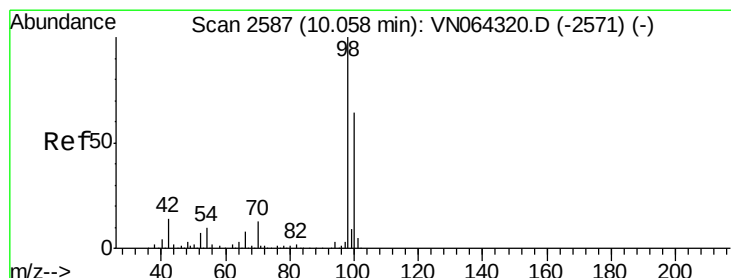
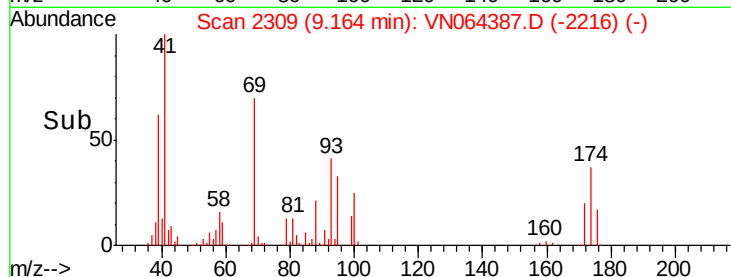
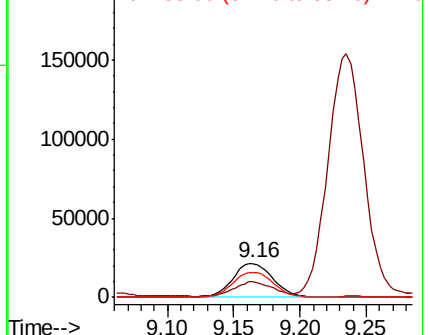


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 44.331 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064387.D

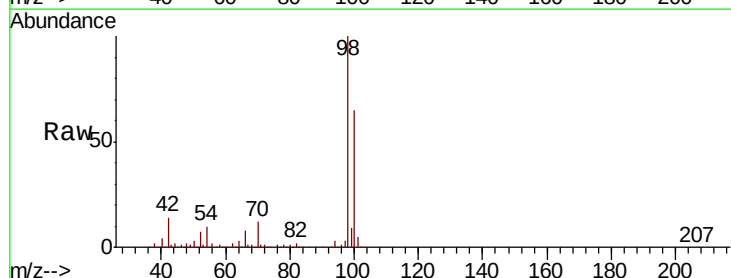
Acq: 29 Oct 2020 20:30

Tgt Ion: 98 Resp: 493613

Ion Ratio Lower Upper

98 100

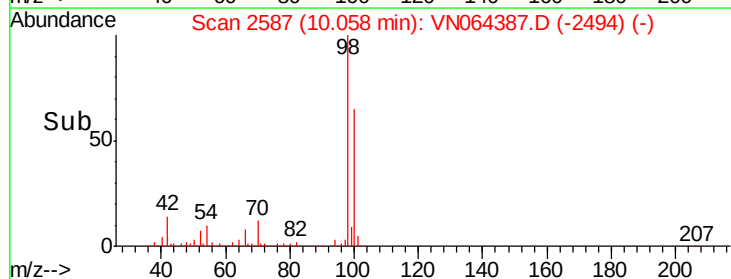
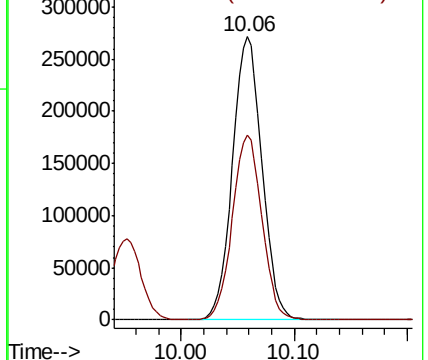
100 65.0 50.9 76.3

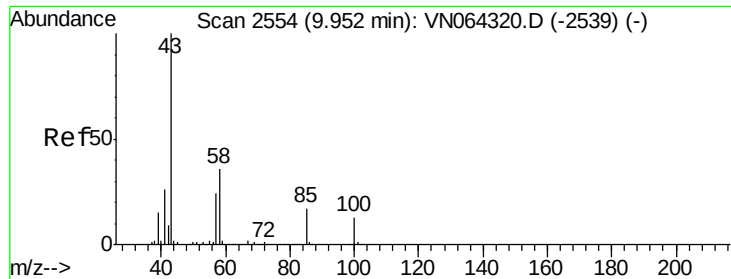


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 232.879 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

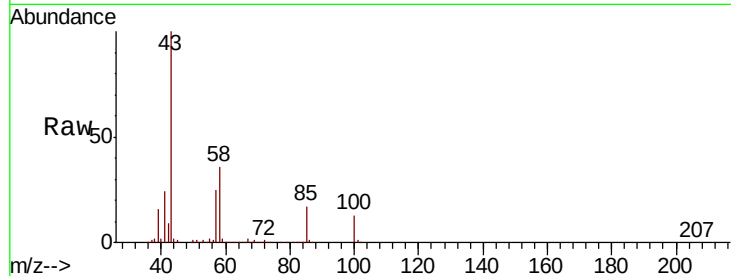
VSTDCCC050EC

Tot Ion: 43 Resp: 1064852

Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

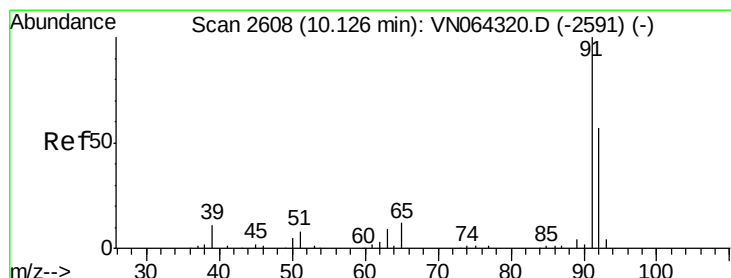
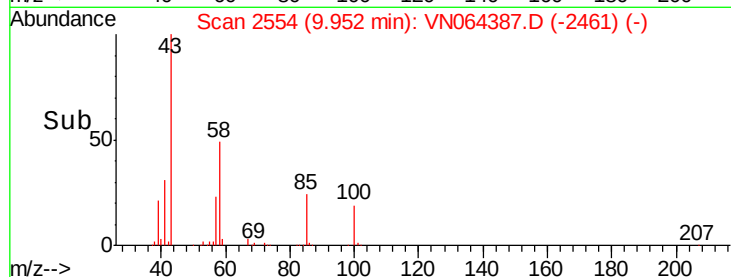
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 45.971 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064387.D

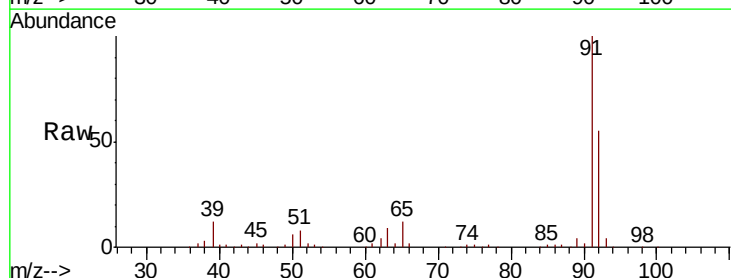
Acq: 29 Oct 2020 20:30

Tgt Ion: 92 Resp: 367861

Ion Ratio Lower Upper

92 100

91 173.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10.12

400000

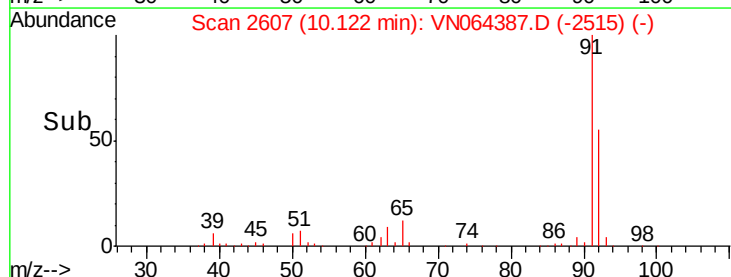
300000

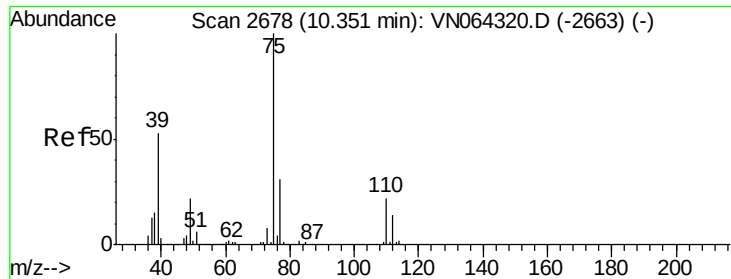
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.750 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

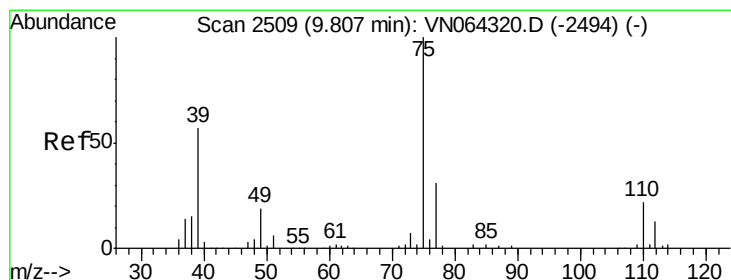
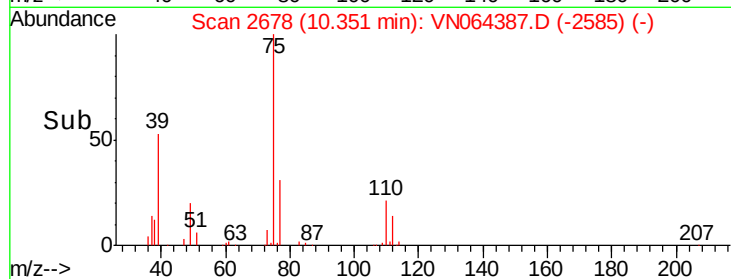
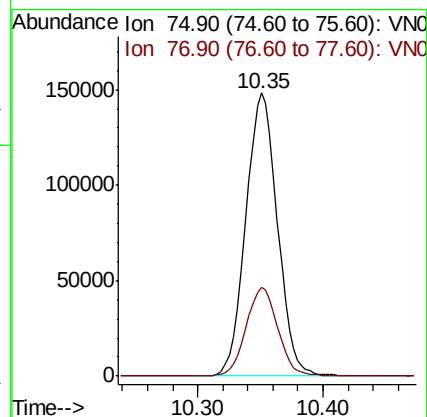
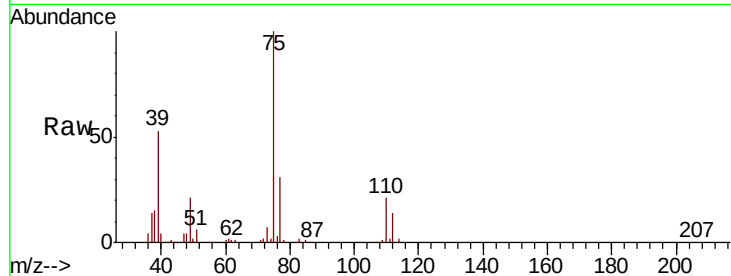
VSTDCCC050EC

Tot Ion: 75 Resp: 260243

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 46.152 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

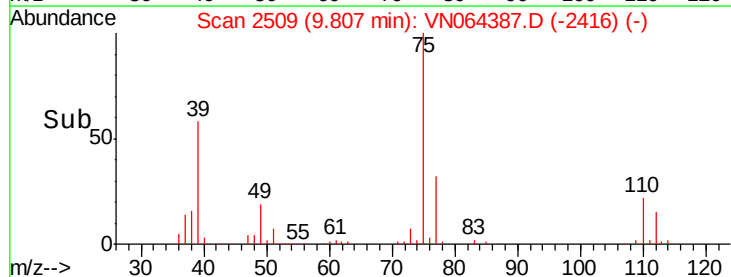
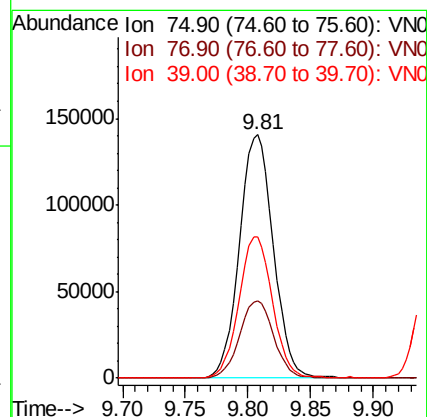
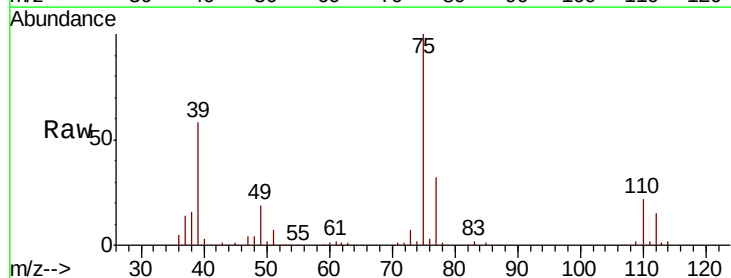
Tgt Ion: 75 Resp: 264465

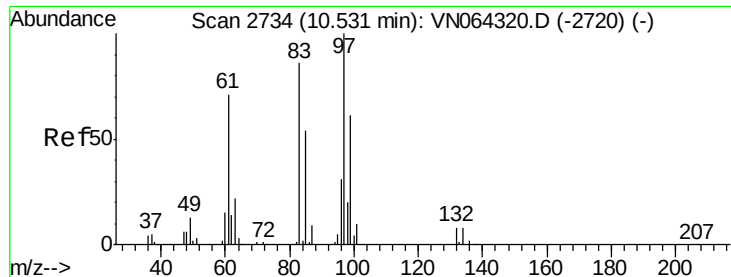
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 57.5 45.5 68.3



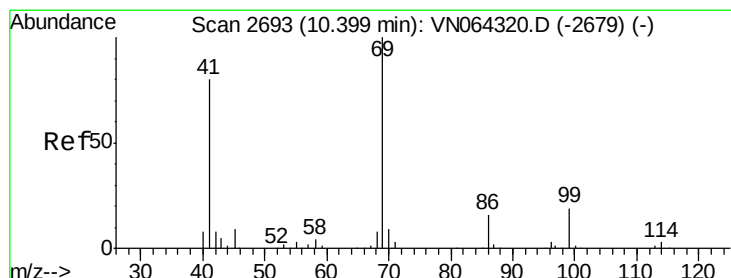
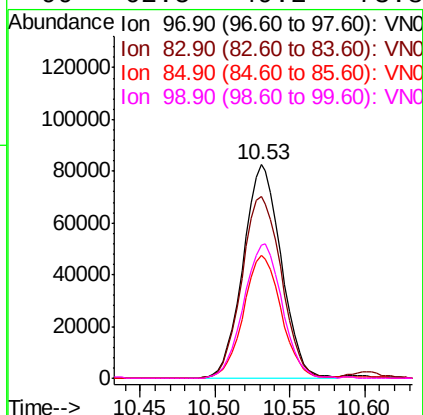
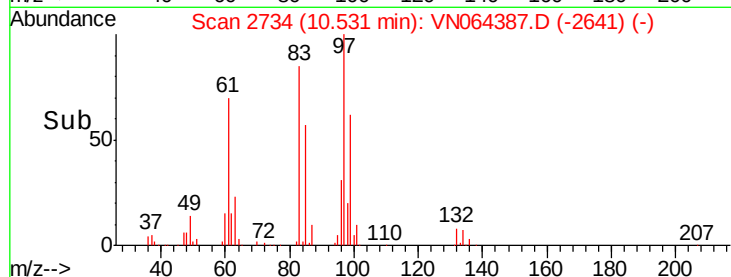
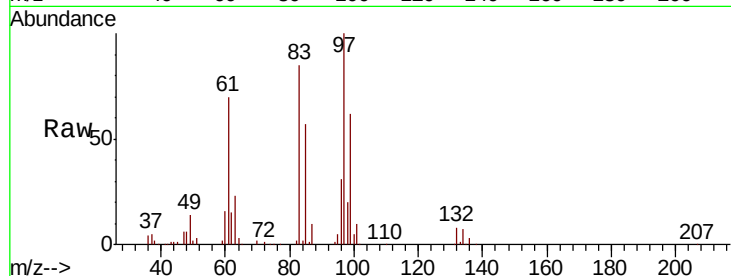


#55
 1,1,2-Trichloroethane
 Concen: 46.393 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 146540

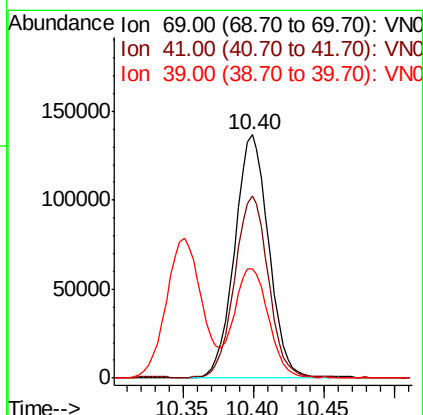
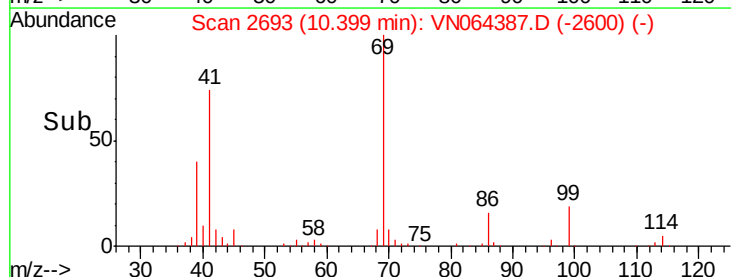
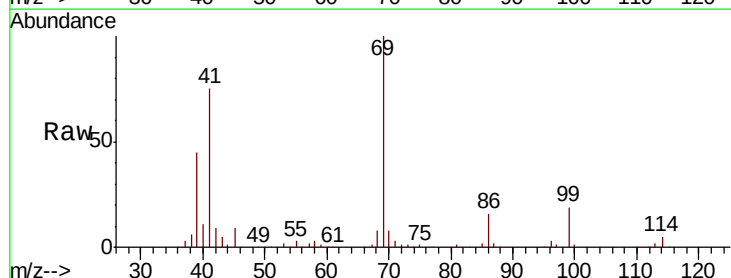
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.9	103.3
85	57.4	43.6	65.4
99	62.5	49.2	73.8

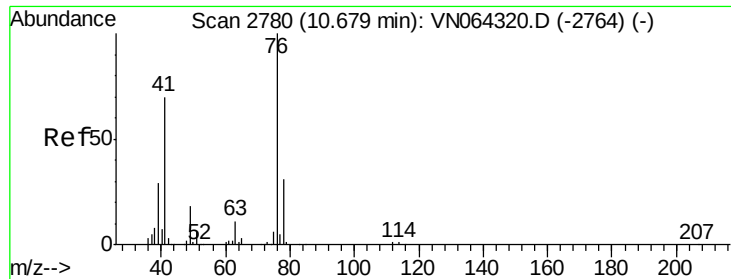


#56
 Ethyl methacrylate
 Concen: 48.499 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 69 Resp: 231895

Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.4	92.2
39	45.5	36.5	54.7





#57

1,3-Dichloropropane

Concen: 47.322 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

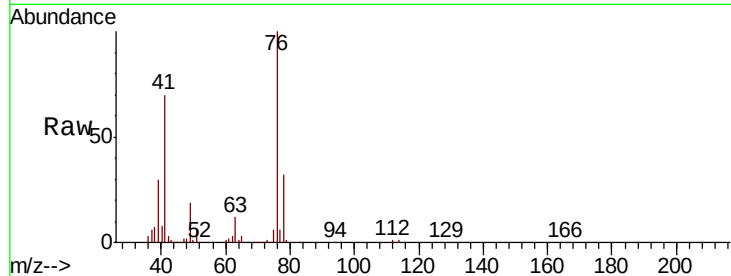
VSTDCCC050EC

Tot Ion: 76 Resp: 254978

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

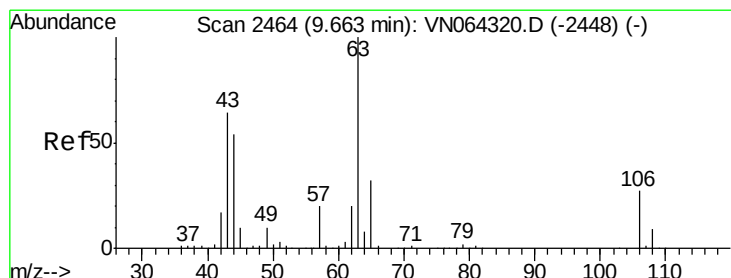
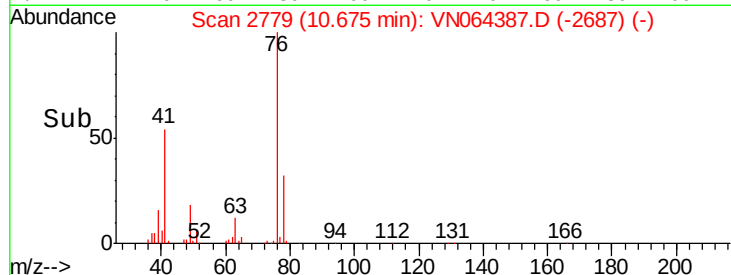
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 212.500 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064387.D

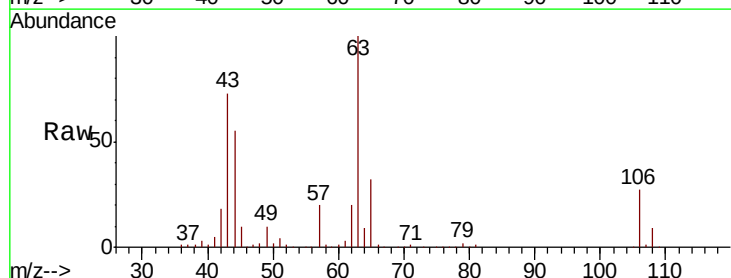
Acq: 29 Oct 2020 20:30

Tgt Ion: 63 Resp: 554452

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

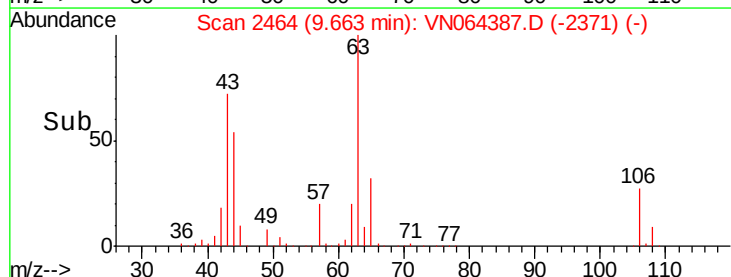
300000

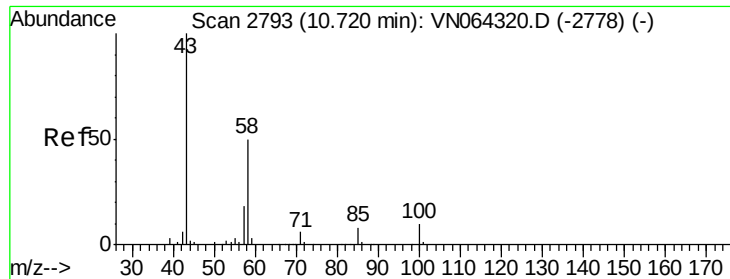
200000

100000

0

Time-->

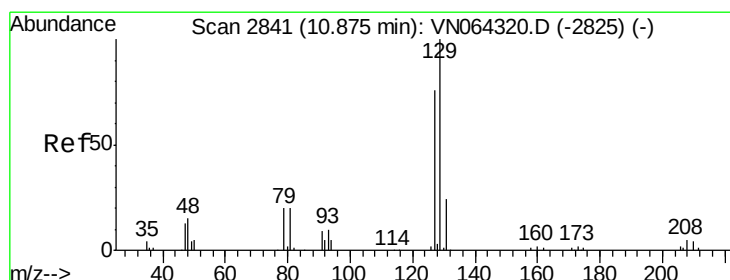
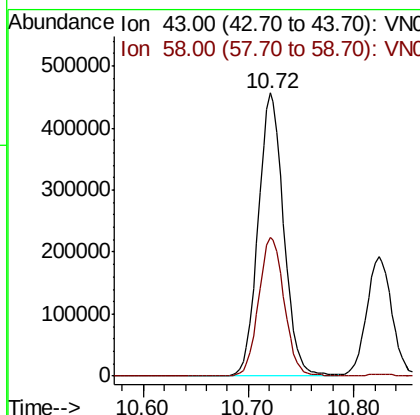
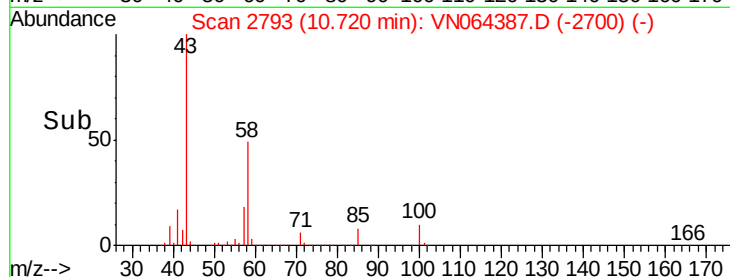
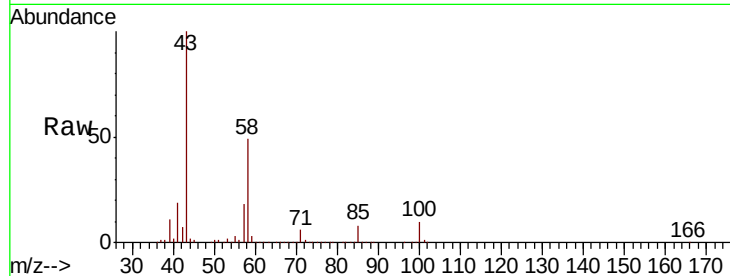




#59
2-Hexanone
Concen: 228.209 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

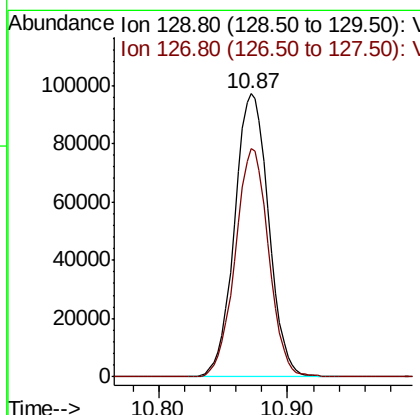
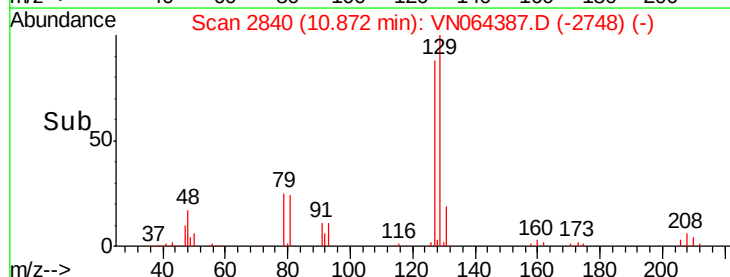
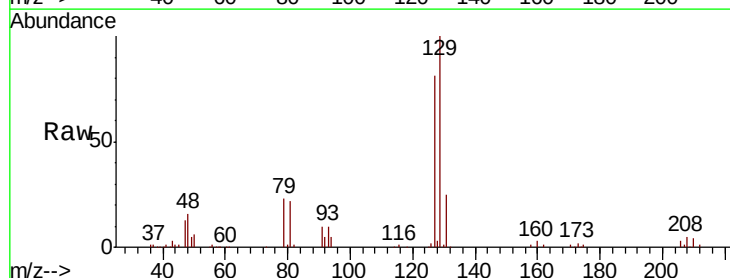
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

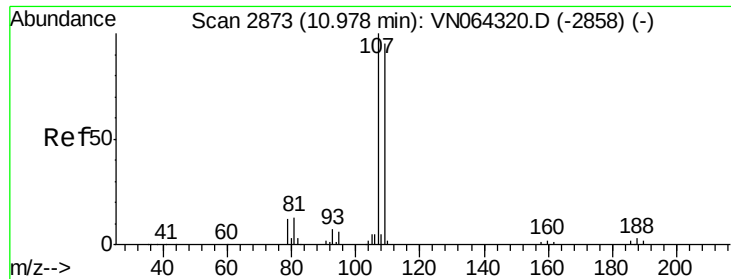
Tot Ion: 43 Resp: 768537
Ion Ratio Lower Upper
43 100
58 49.4 25.0 75.0



#60
Dibromochloromethane
Concen: 47.743 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 129 Resp: 178303
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.899 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

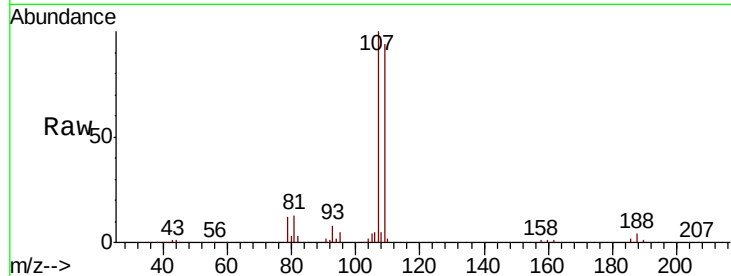
VSTDCCC050EC

Tot Ion: 107 Resp: 157378

Ion Ratio Lower Upper

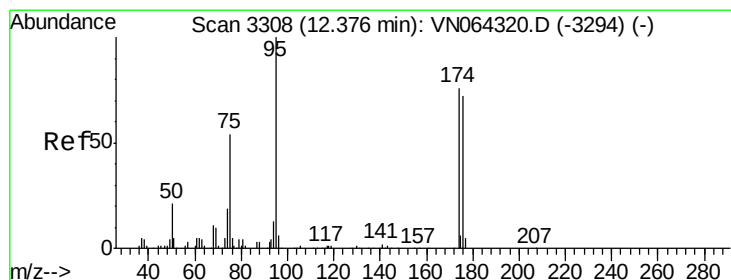
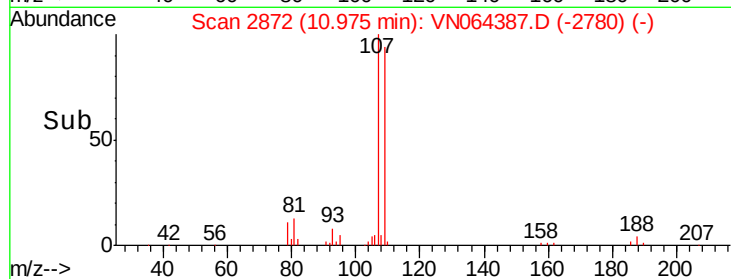
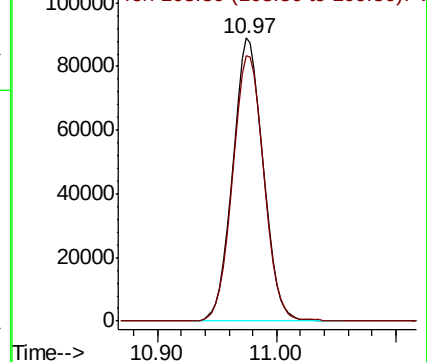
107 100

109 96.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.419 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

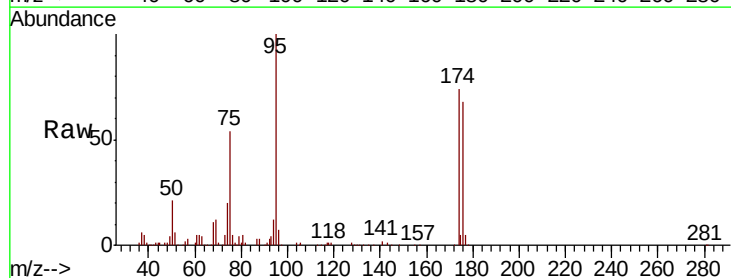
Tgt Ion: 95 Resp: 192840

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.4

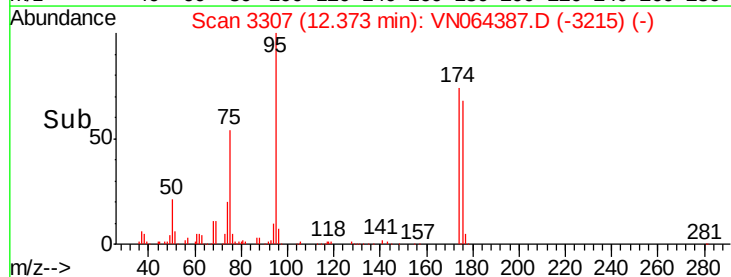
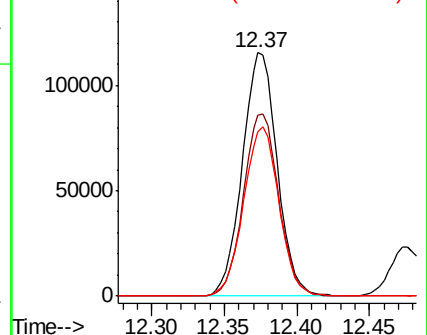
176 70.8 0.0 143.6

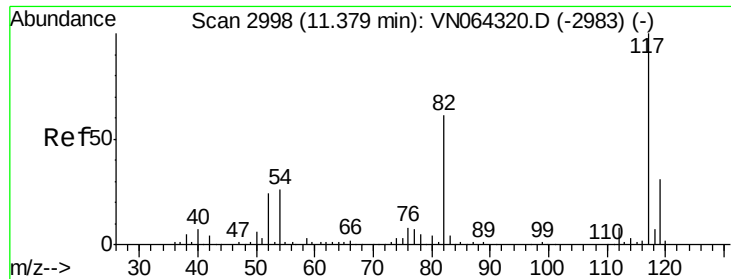


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

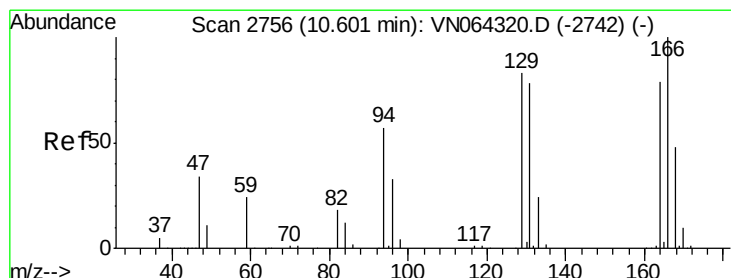
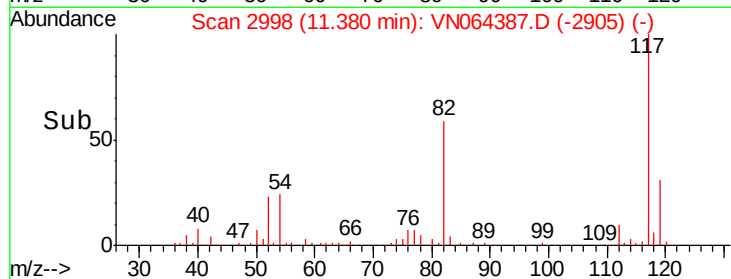
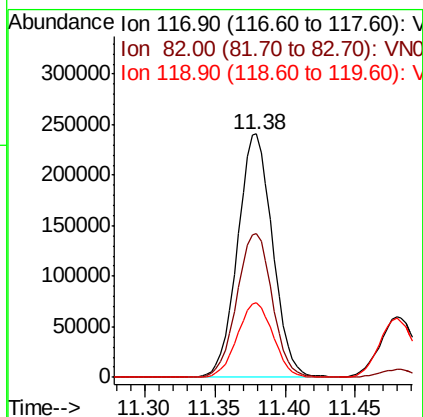
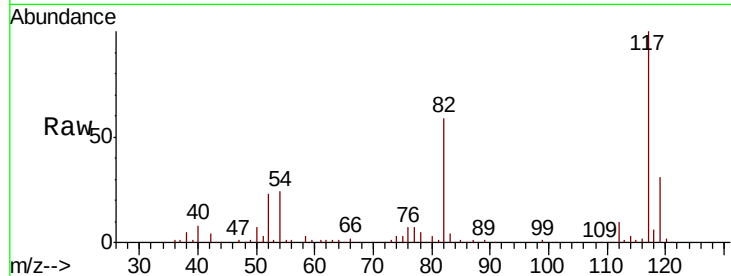




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

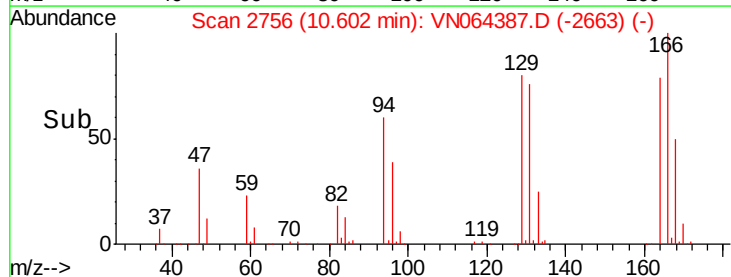
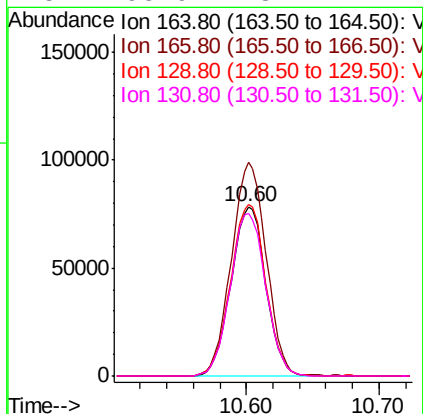
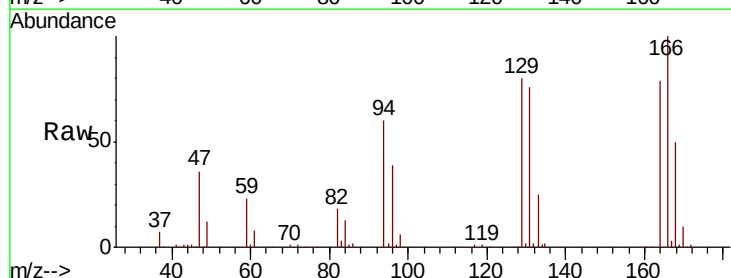
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

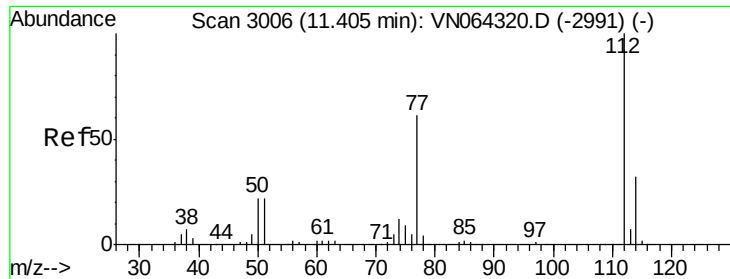
Tot Ion:117 Resp: 418647
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 30.8 25.1 37.7



#64
Tetrachloroethene
Concen: 41.451 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion:164 Resp: 142628
Ion Ratio Lower Upper
164 100
166 126.1 100.7 151.1
129 101.3 83.7 125.5
131 95.9 78.2 117.2

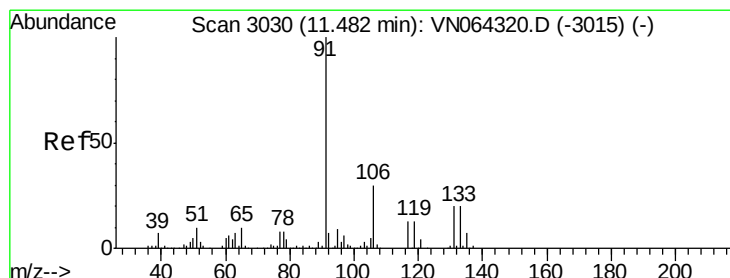
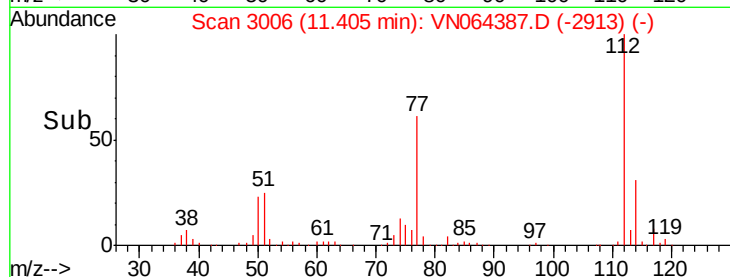
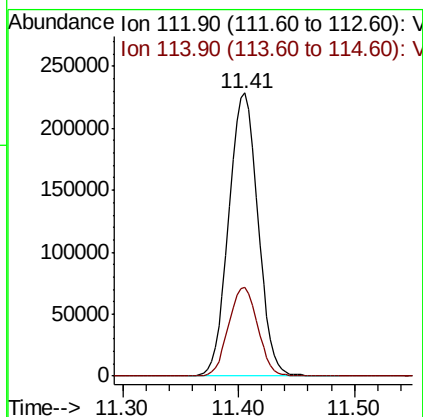
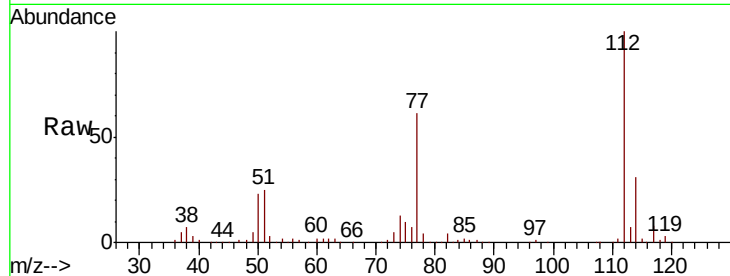




#65
Chlorobenzene
Concen: 46.923 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

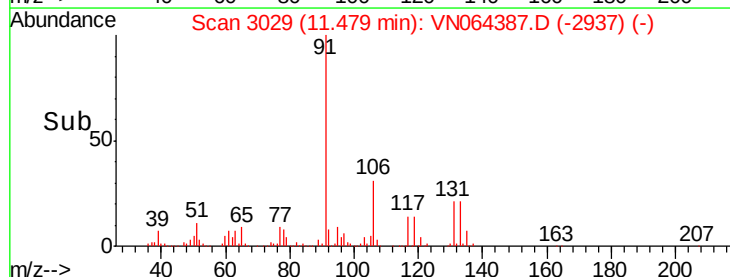
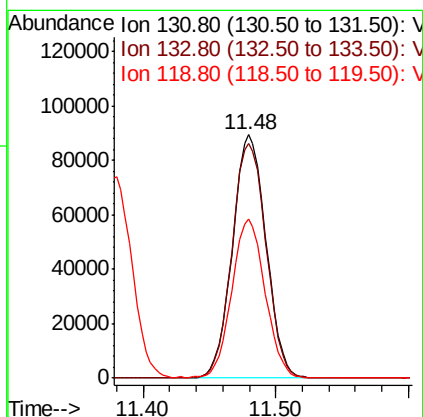
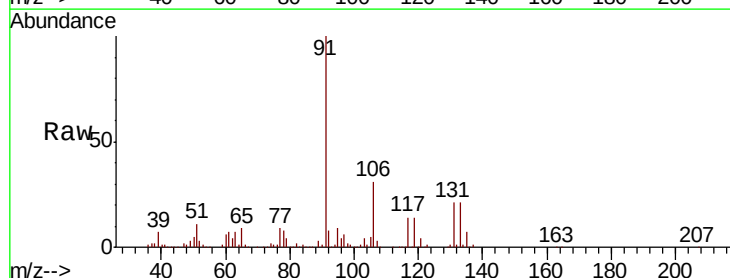
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

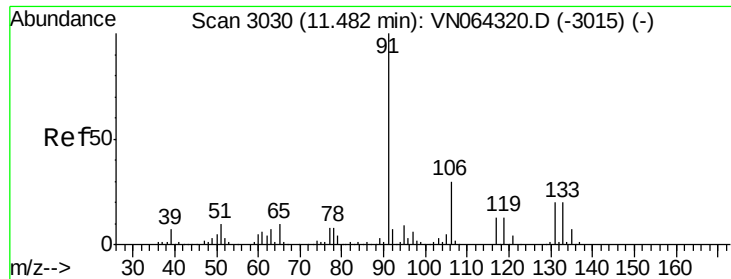
Tot Ion:112 Resp: 398257
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 45.864 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion:131 Resp: 157335
Ion Ratio Lower Upper
131 100
133 98.0 49.3 147.8
119 64.2 32.3 96.9

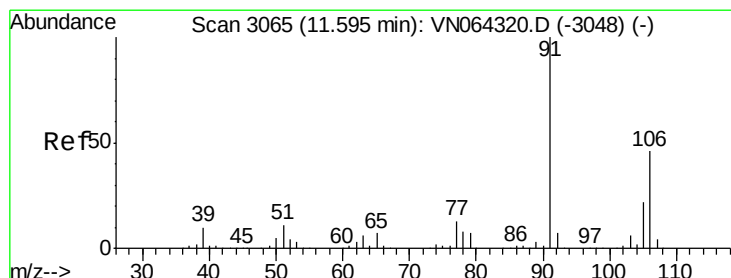
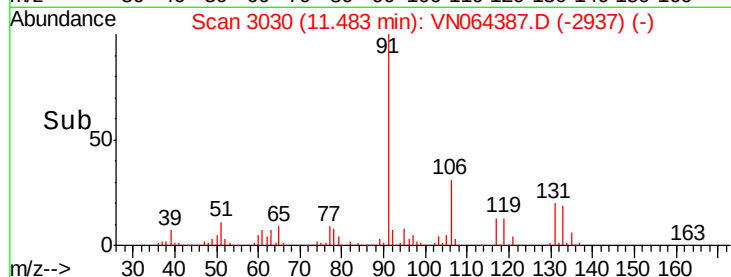
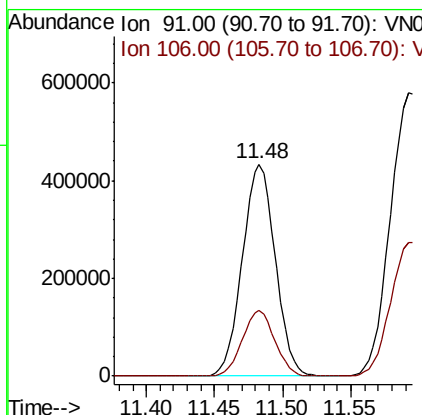
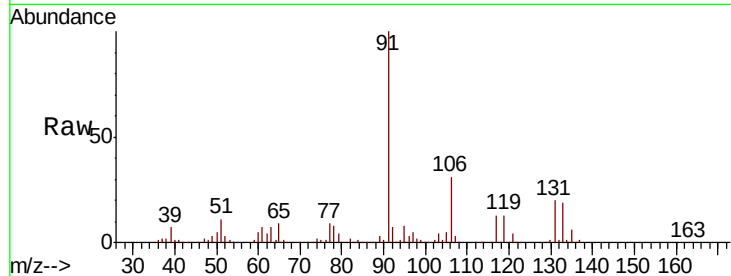




#67
Ethyl Benzene
Concen: 46.068 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

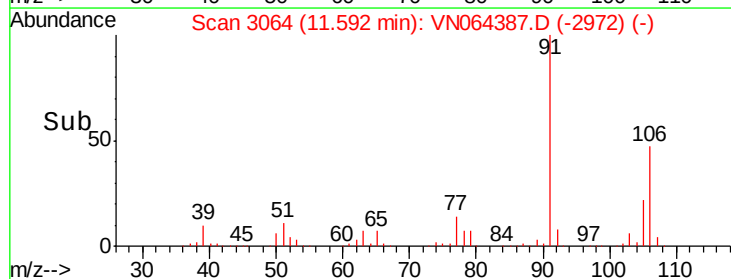
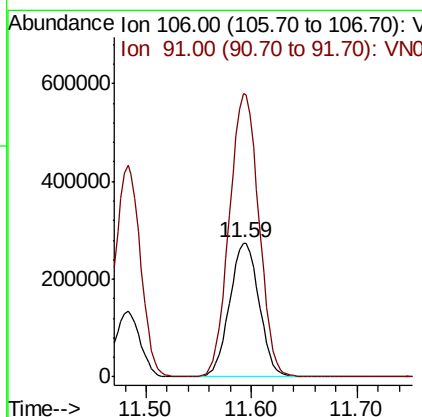
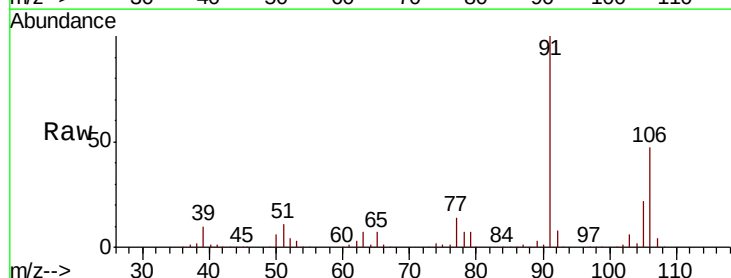
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

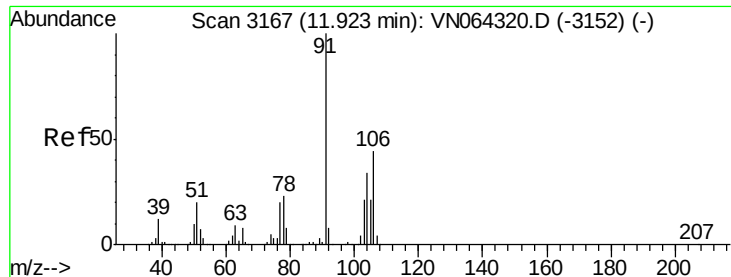
Tot Ion: 91 Resp: 726926
Ion Ratio Lower Upper
91 100
106 31.1 23.7 35.5



#68
m/p-Xylenes
Concen: 90.851 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 106 Resp: 531264
Ion Ratio Lower Upper
106 100
91 211.7 170.2 255.4

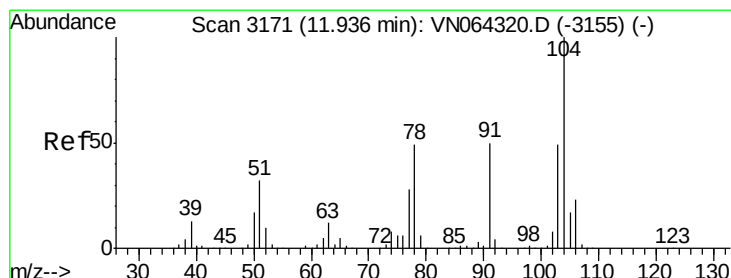
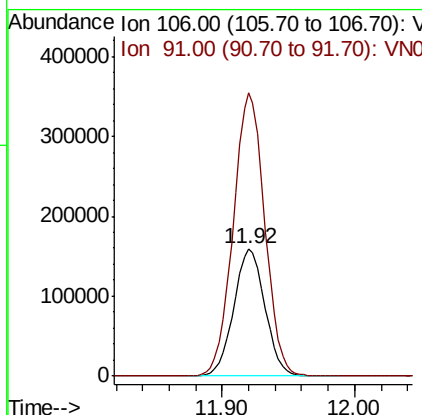
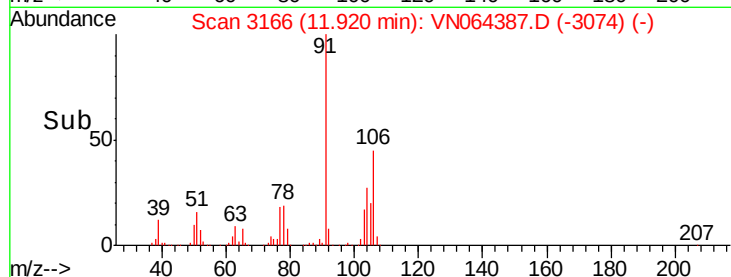
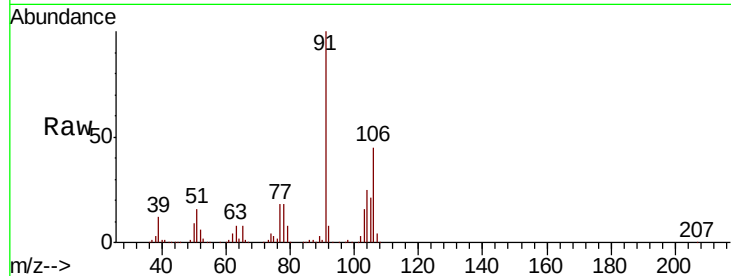




#69
o-Xylene
Concen: 46.092 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

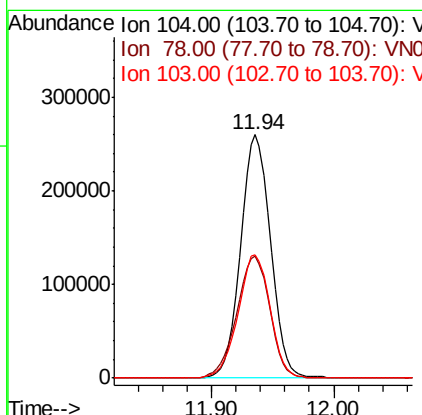
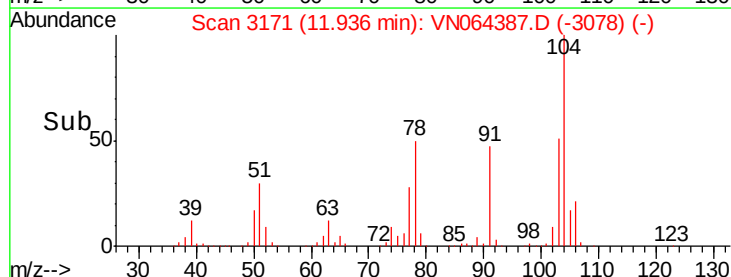
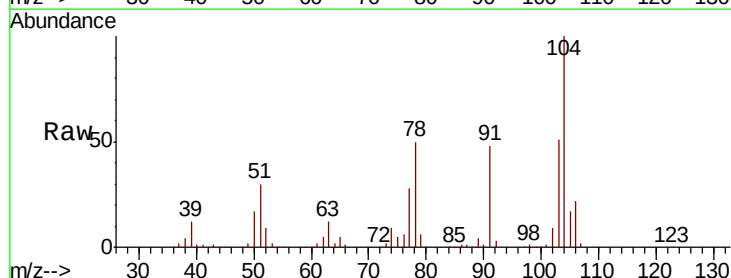
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

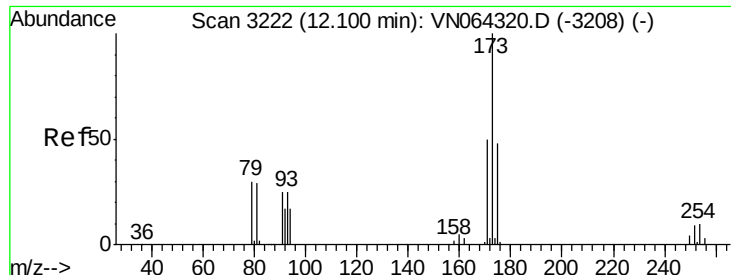
Tot Ion:106 Resp: 259670
Ion Ratio Lower Upper
106 100
91 224.8 114.5 343.5



#70
Styrene
Concen: 47.474 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion:104 Resp: 438516
Ion Ratio Lower Upper
104 100
78 55.8 43.7 65.5
103 54.5 43.3 64.9





#71

Bromoform

Concen: 46.463 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

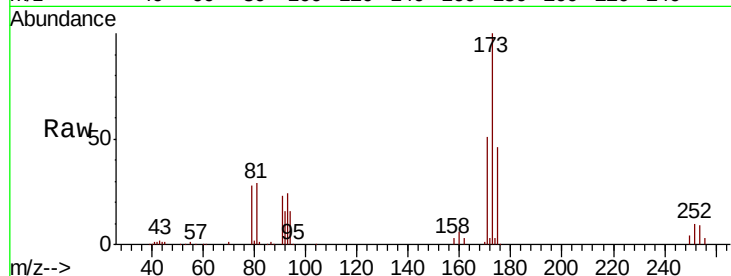
Tot Ion:173 Resp: 125097

Ion Ratio Lower Upper

173 100

175 48.4 25.4 76.0

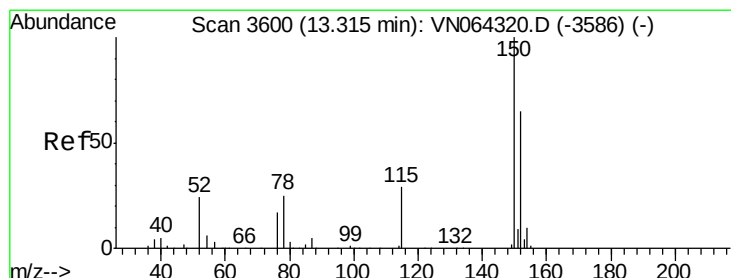
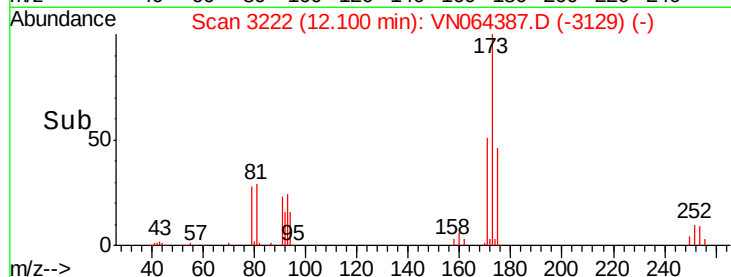
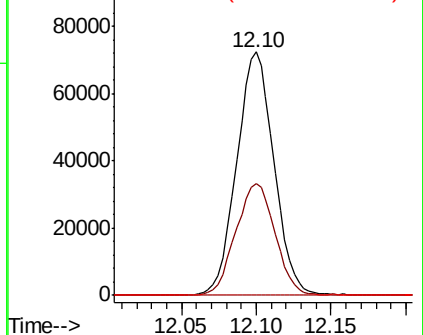
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

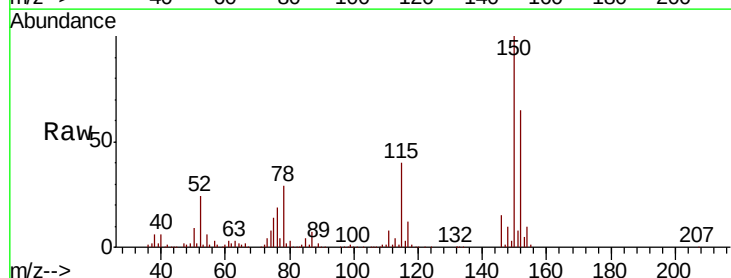
Tgt Ion:152 Resp: 196854

Ion Ratio Lower Upper

152 100

115 63.3 31.5 94.5

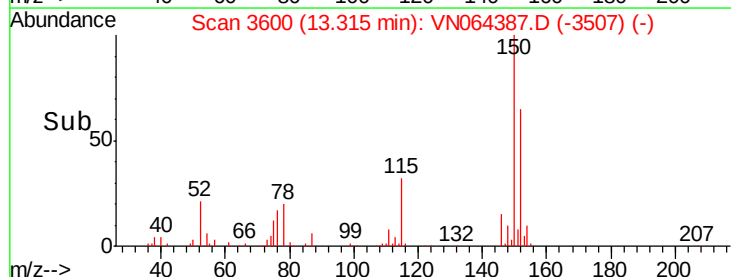
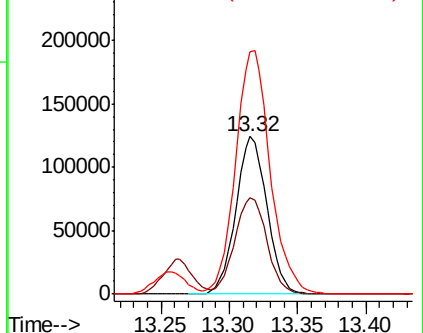
150 170.9 0.0 346.2

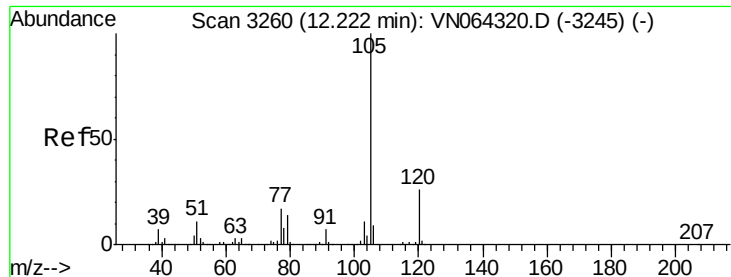


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.567 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

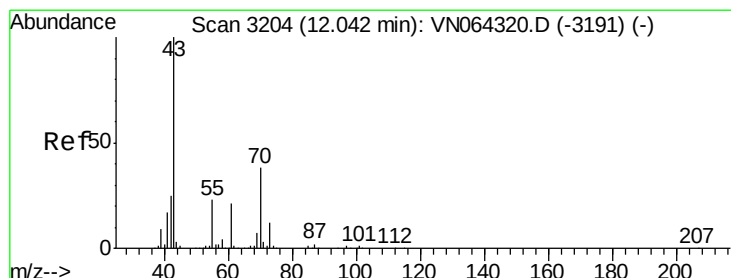
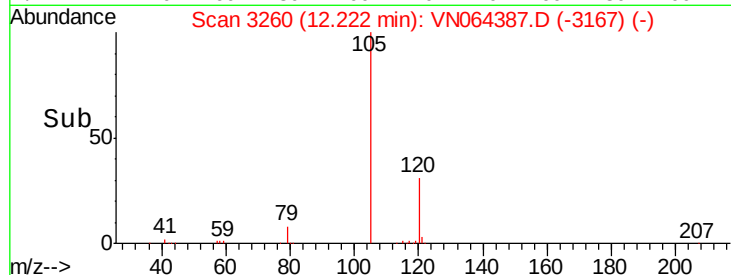
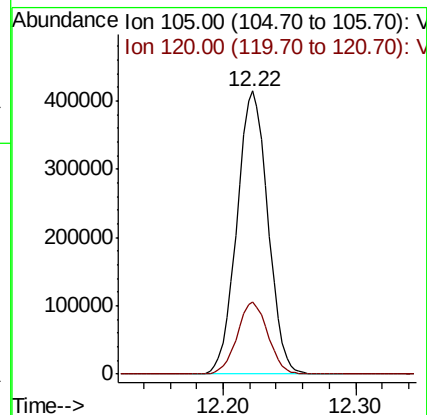
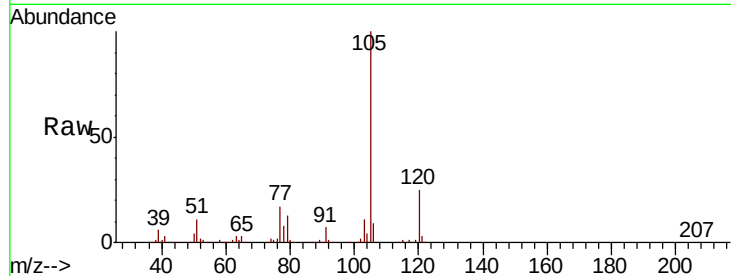
VSTDCCC050EC

Tot Ion:105 Resp: 671834

Ion Ratio Lower Upper

105 100

120 25.3 13.2 39.5



#74

N-ethyl acetate

Concen: 50.599 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion: 43 Resp: 328370

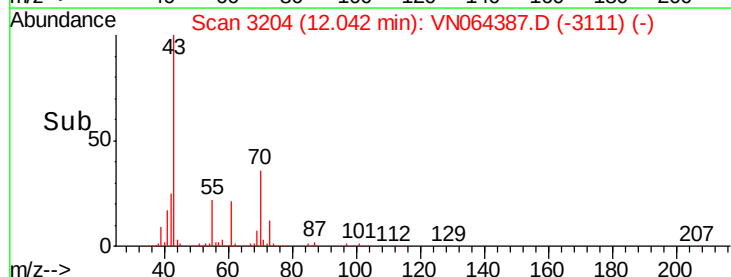
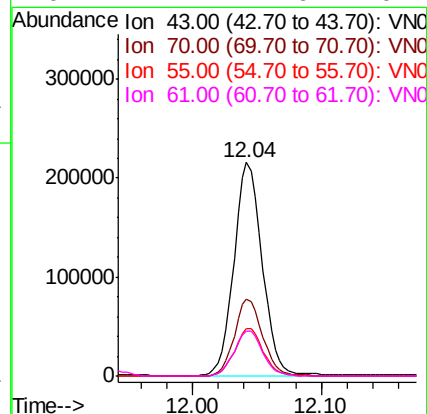
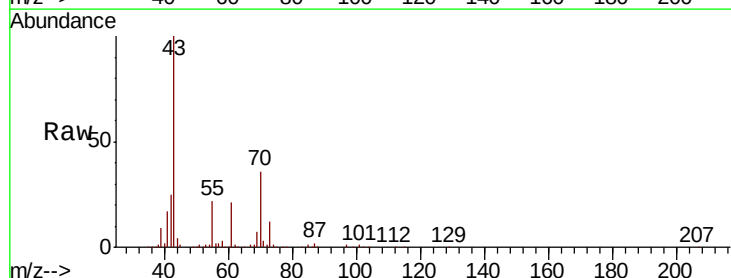
Ion Ratio Lower Upper

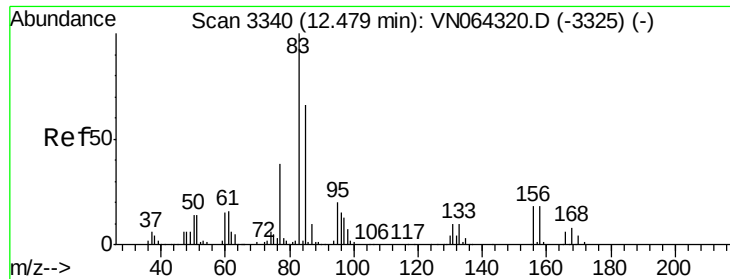
43 100

70 35.8 30.6 45.8

55 22.5 18.2 27.4

61 21.4 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.340 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

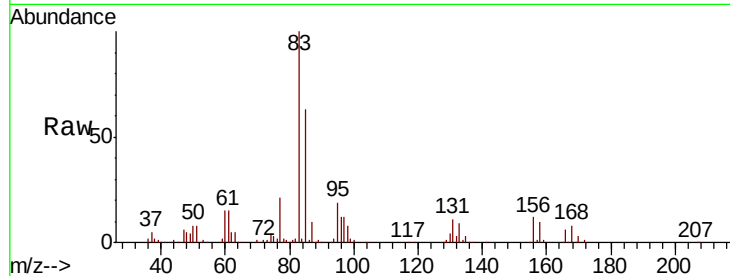
Tot Ion: 83 Resp: 207169

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

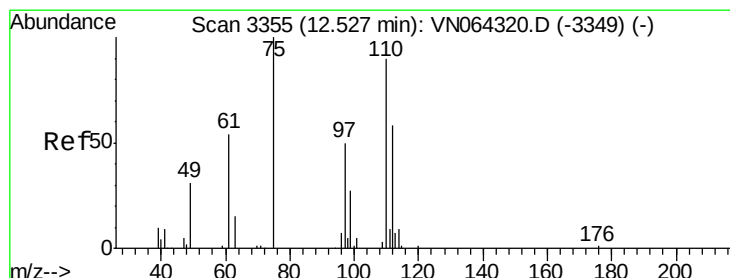
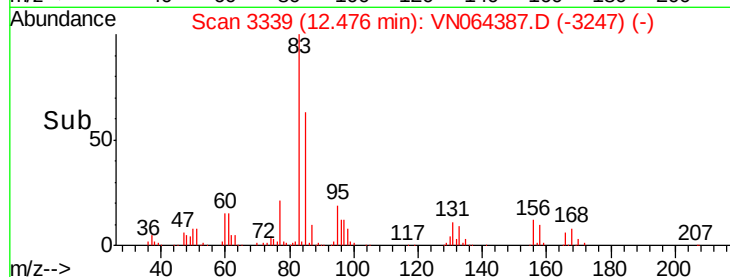
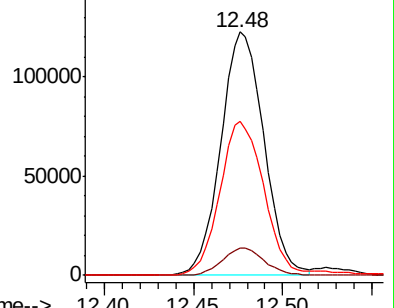
85 64.4 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064387.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064387.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064387.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 63.679 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064387.D

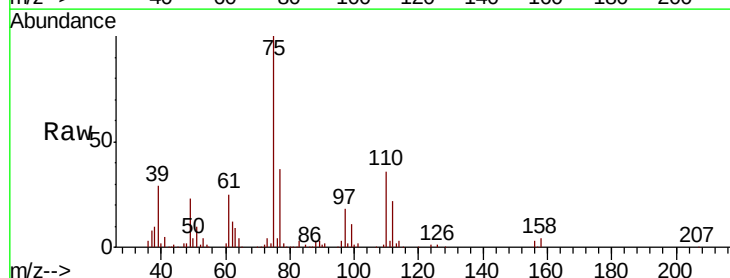
Acq: 29 Oct 2020 20:30

Tgt Ion: 75 Resp: 300190

Ion Ratio Lower Upper

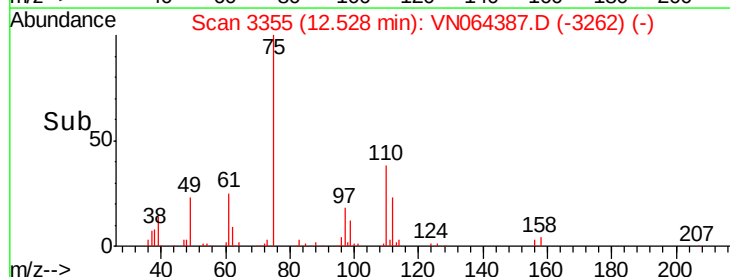
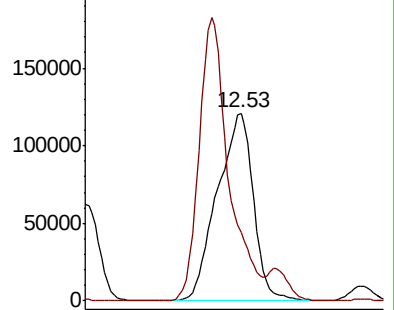
75 100

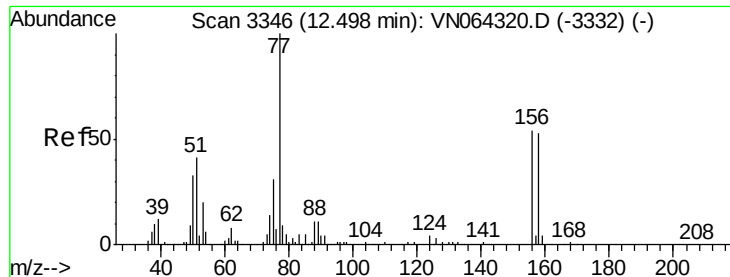
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064387.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064387.D (-3262) (-)





#77

Bromobenzene

Concen: 47.116 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

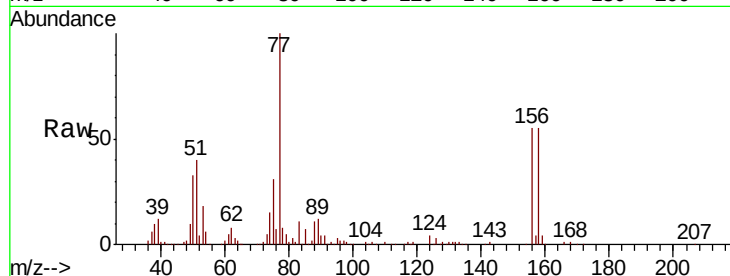
Tot Ion:156 Resp: 170106

Ion Ratio Lower Upper

156 100

77 219.9 111.9 335.7

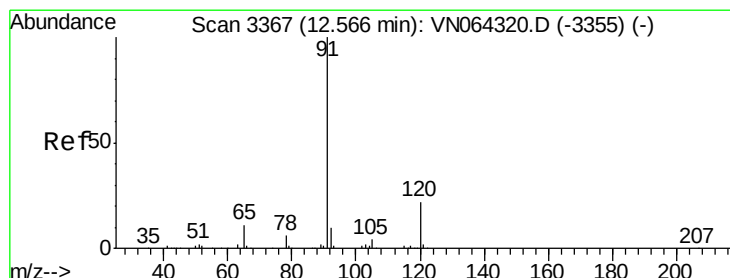
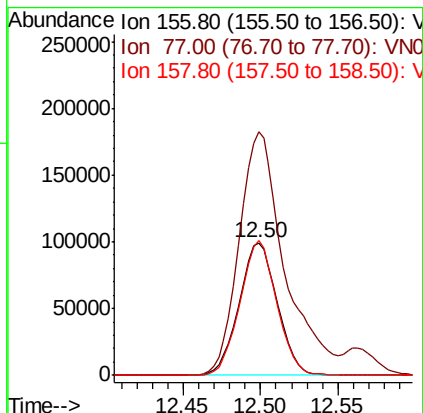
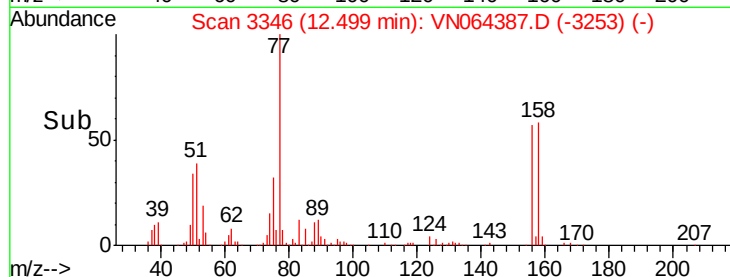
158 98.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.235 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064387.D

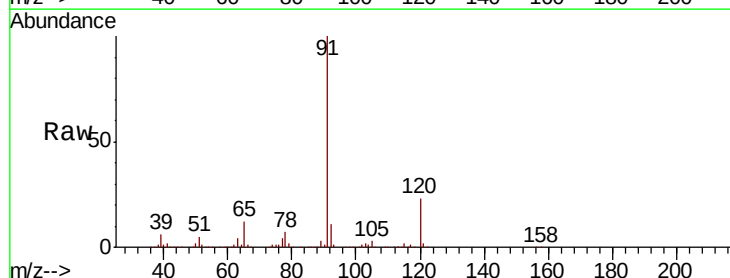
Acq: 29 Oct 2020 20:30

Tgt Ion: 91 Resp: 738376

Ion Ratio Lower Upper

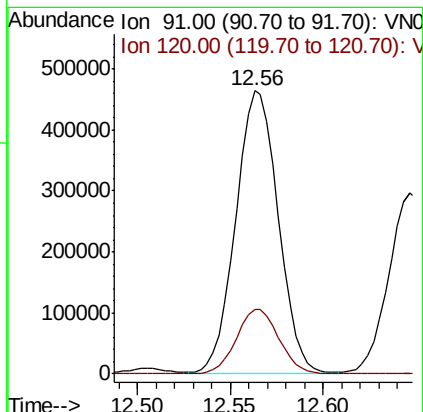
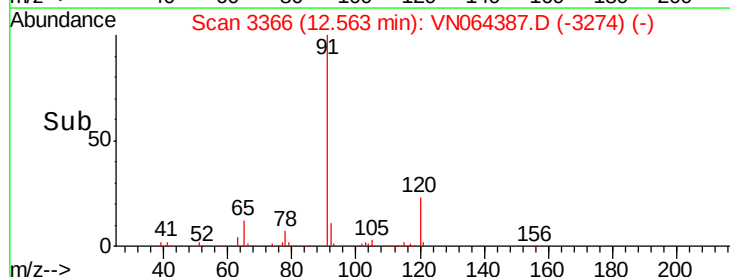
91 100

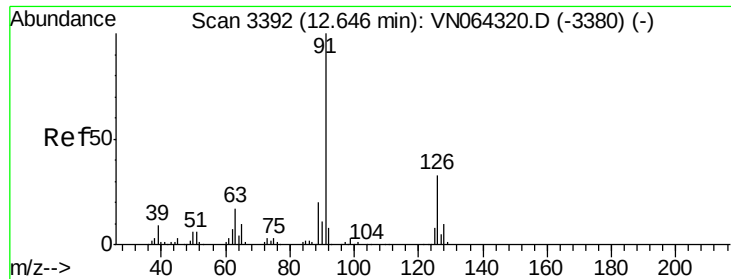
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.339 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

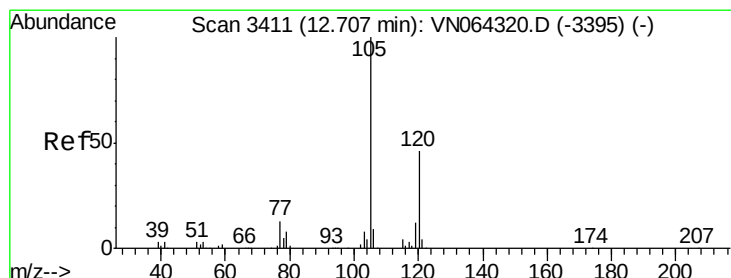
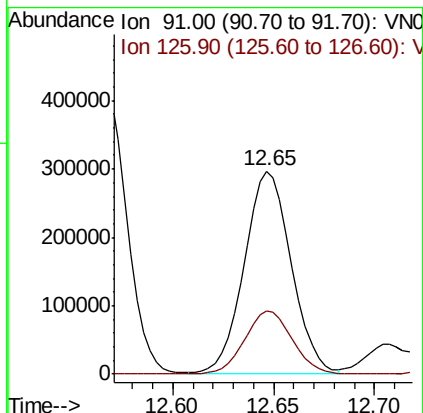
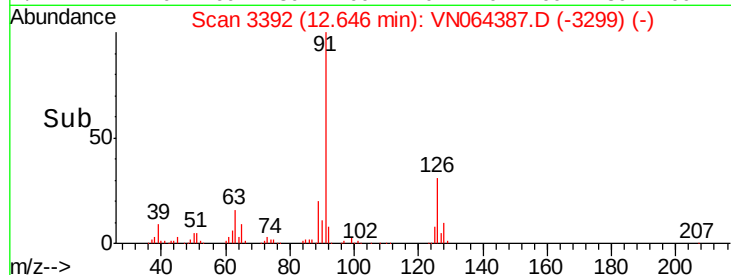
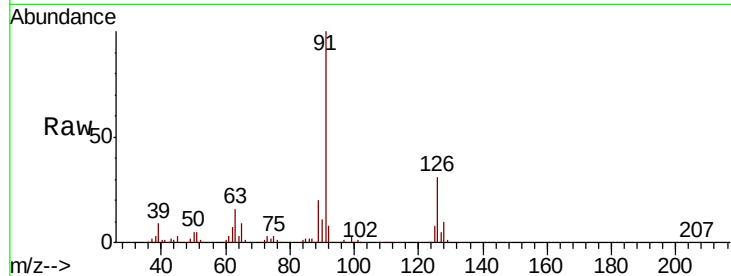
VSTDCCC050EC

Tot Ion: 91 Resp: 483784

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 44.219 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064387.D

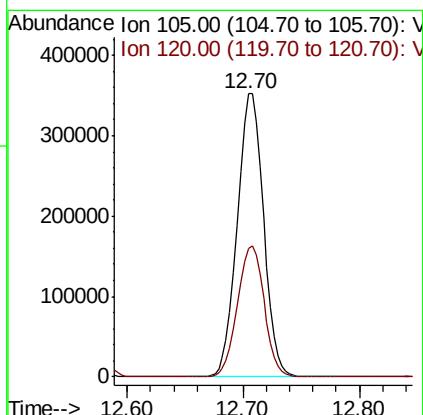
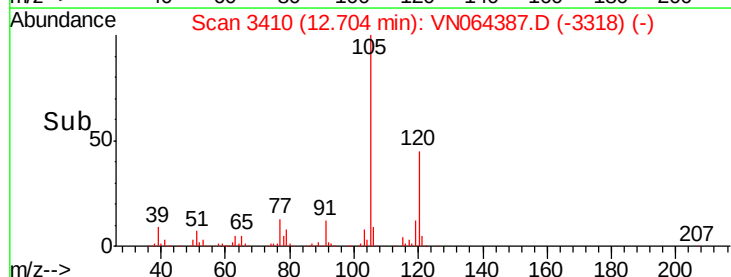
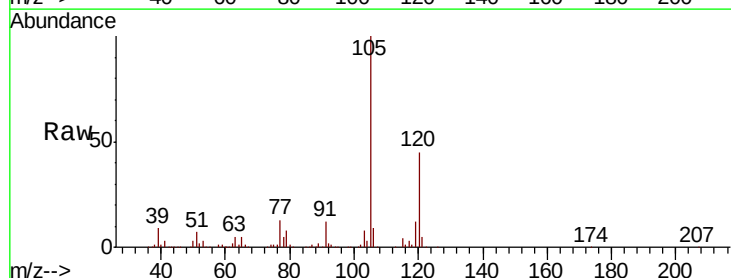
Acq: 29 Oct 2020 20:30

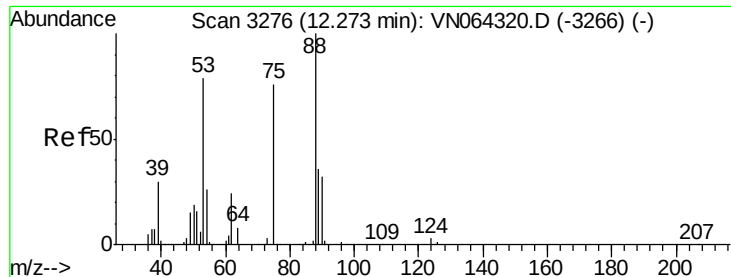
Tgt Ion: 105 Resp: 551650

Ion Ratio Lower Upper

105 100

120 47.2 22.9 68.8

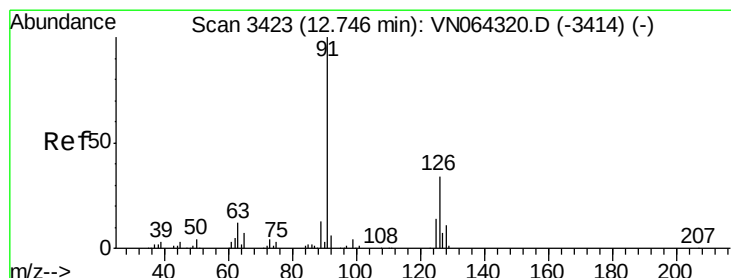
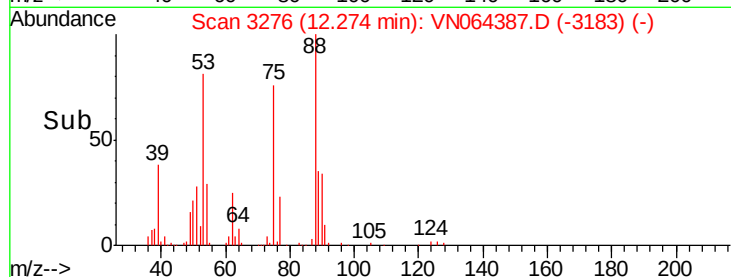
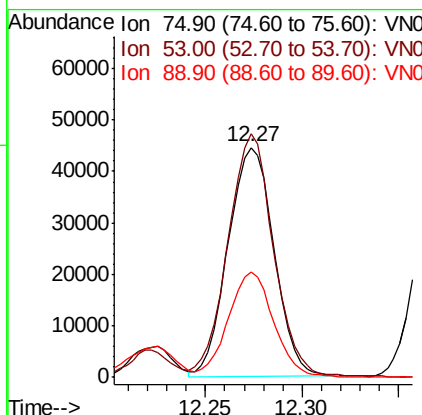
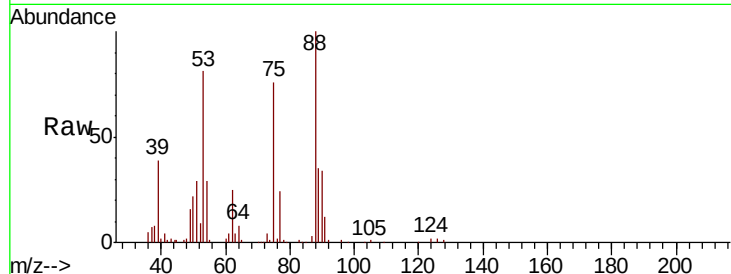




#81
trans-1,4-Dichloro-2-butene
Concen: 44.880 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

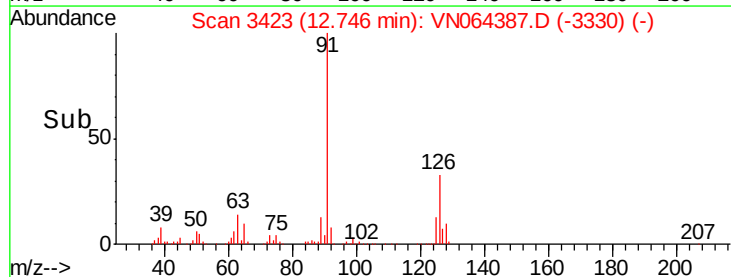
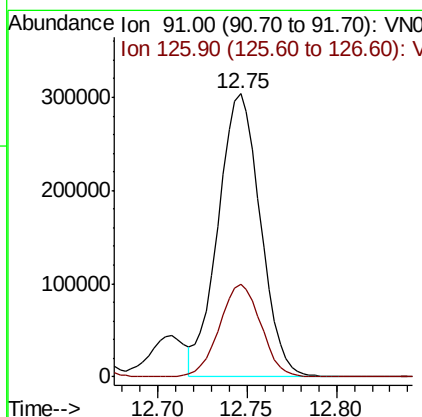
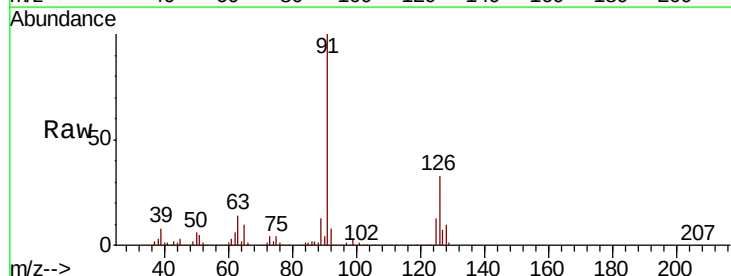
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

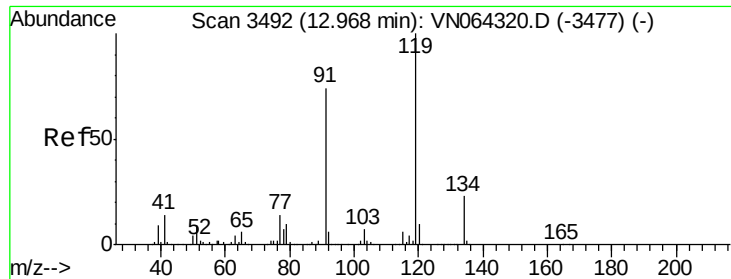
Tot Ion: 75 Resp: 73448
Ion Ratio Lower Upper
75 100
53 104.4 81.8 122.8
89 45.4 39.9 59.9



#82
4-Chlorotoluene
Concen: 45.804 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 91 Resp: 497891
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.3

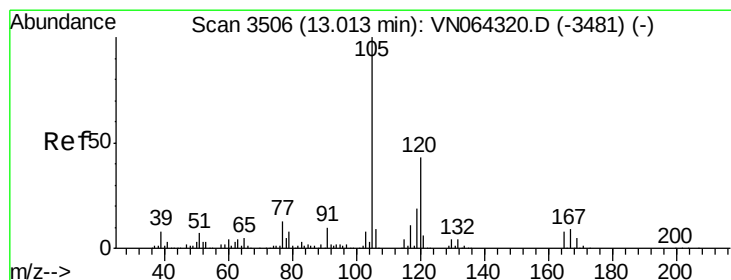
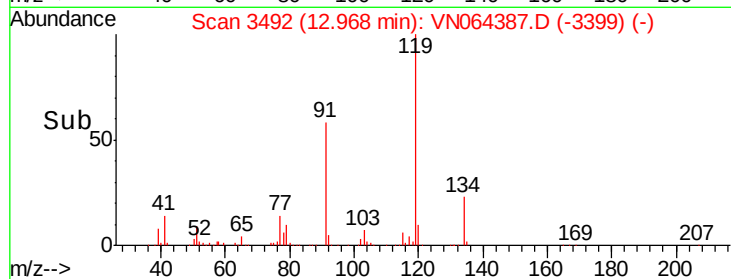
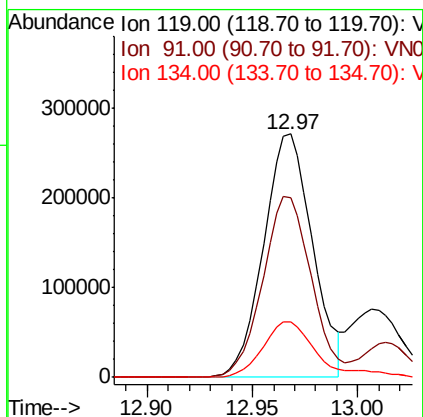
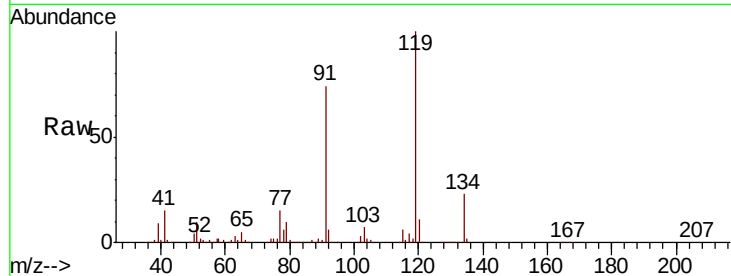




#83
 tert-Butylbenzene
 Concen: 42.948 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

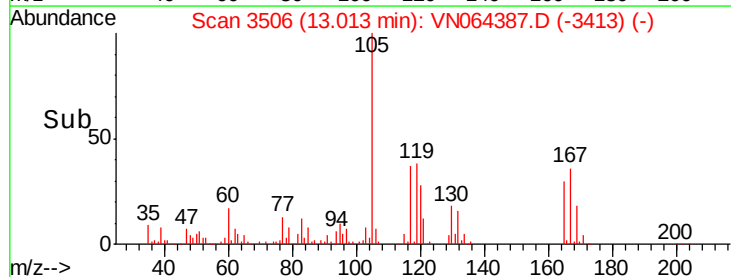
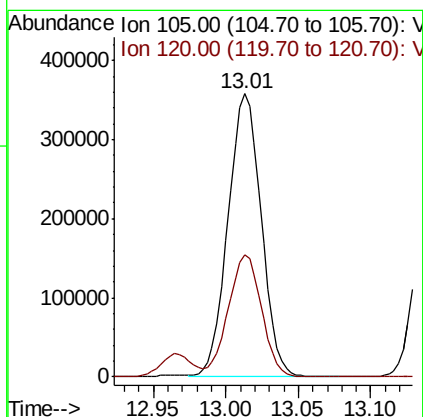
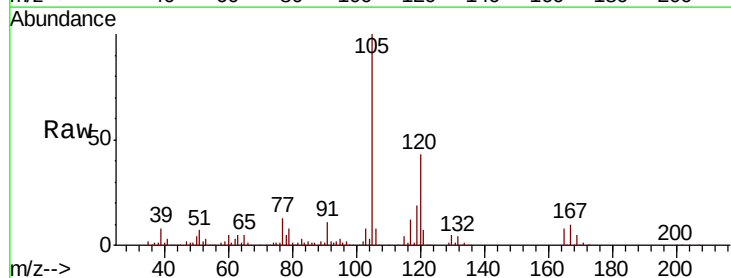
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

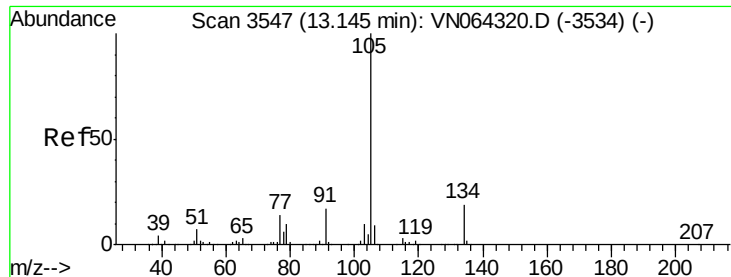
Tot Ion:119 Resp: 439667
 Ion Ratio Lower Upper
 119 100
 91 73.4 36.4 109.1
 134 25.5 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 45.575 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion:105 Resp: 568123
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 64.0





#85

sec-Butylbenzene

Concen: 43.111 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

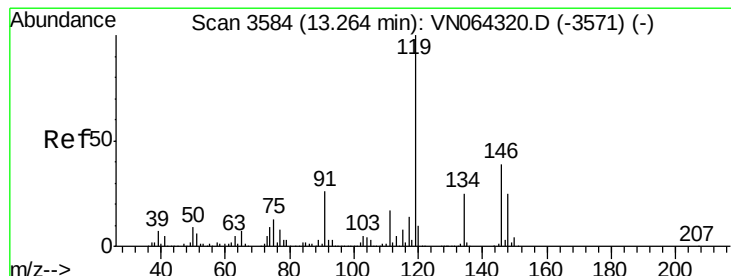
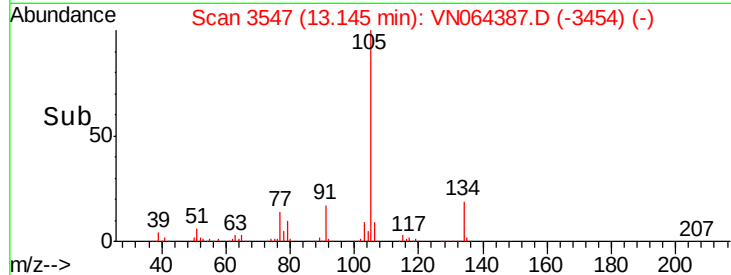
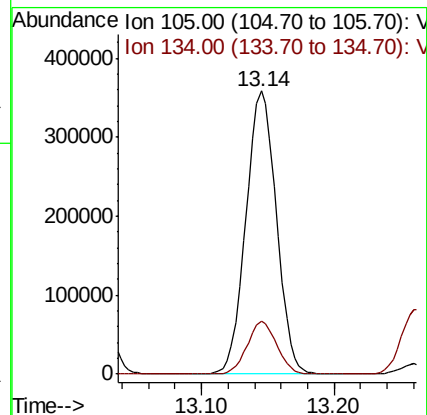
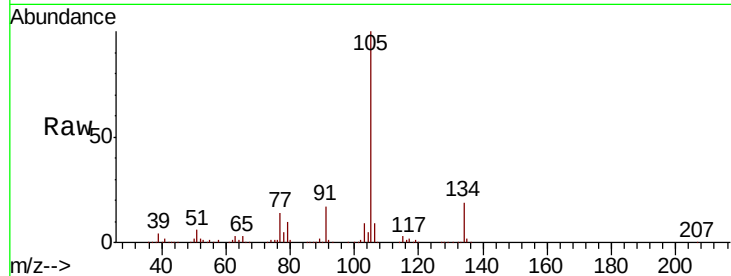
VSTDCCC050EC

Tot Ion:105 Resp: 571116

Ion Ratio Lower Upper

105 100

134 18.1 9.6 28.8



#86

p-Isopropyltoluene

Concen: 43.634 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

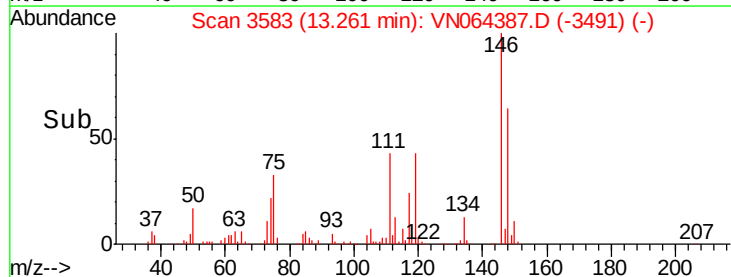
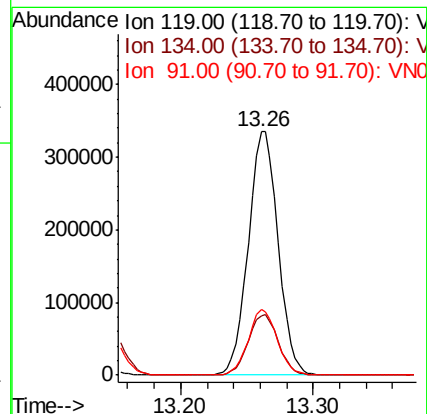
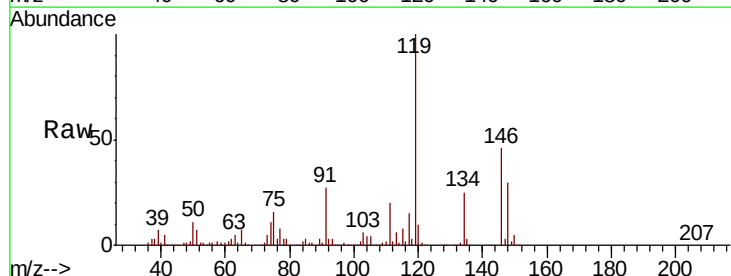
Tgt Ion:119 Resp: 520758

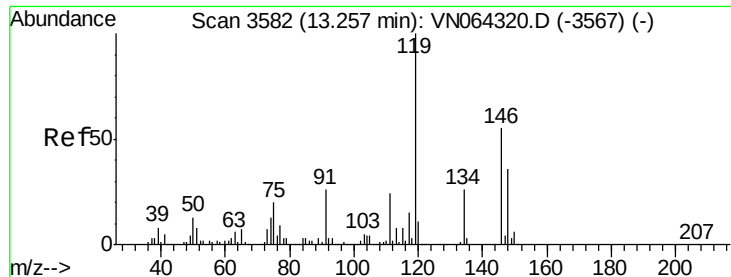
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 26.6 13.0 38.9

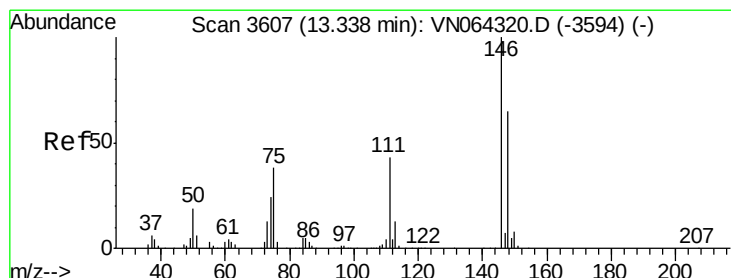
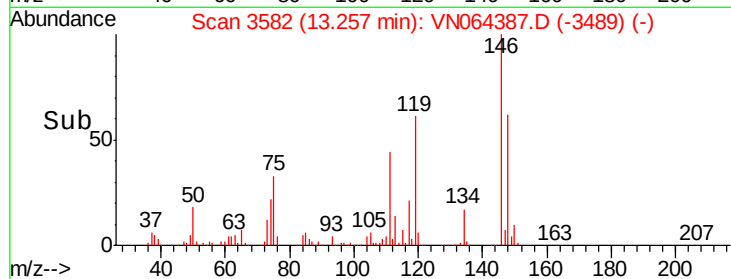
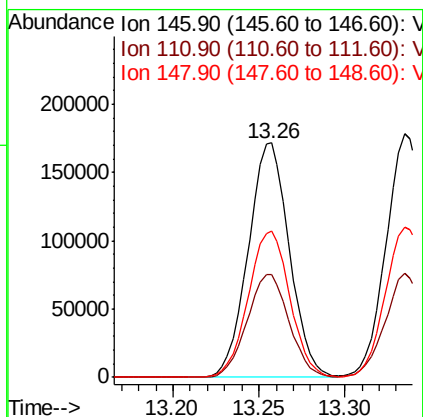
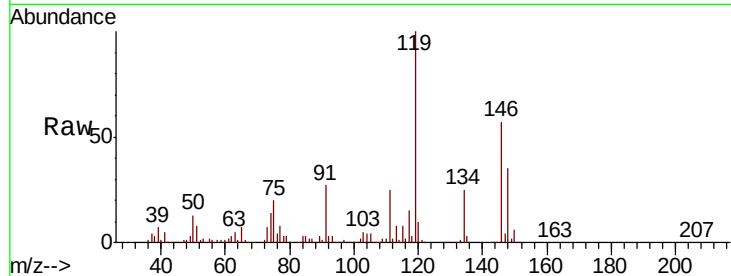




#87
 1,3-Dichlorobenzene
 Concen: 44.958 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

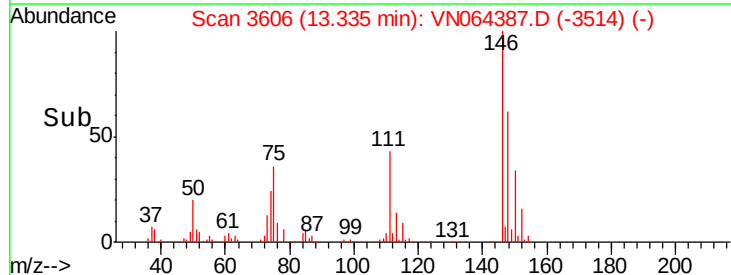
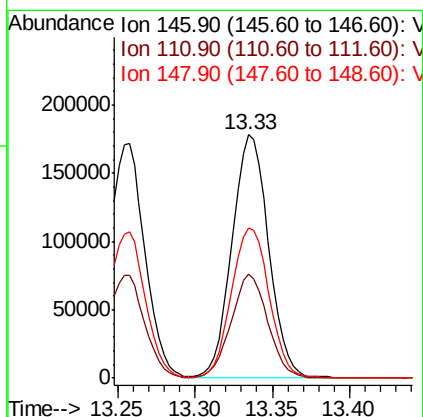
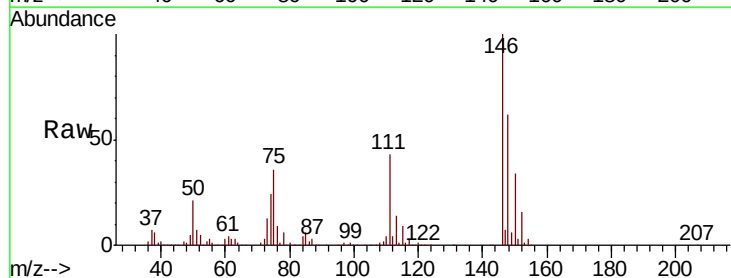
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

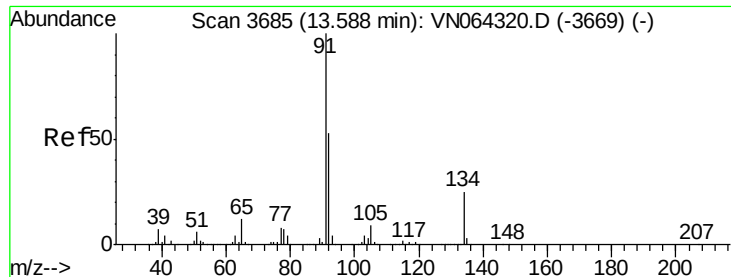
Tot Ion:146 Resp: 284152
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.9 65.5
 148 63.1 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 45.273 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion:146 Resp: 291438
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.4
 148 64.1 31.8 95.3

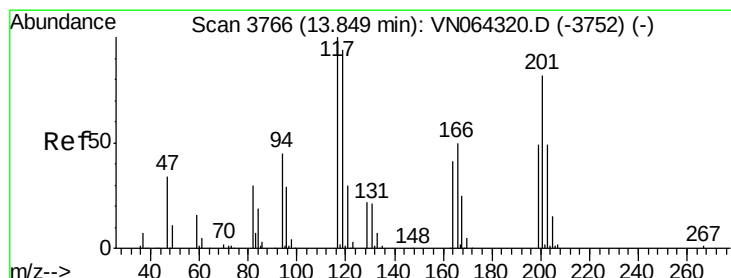
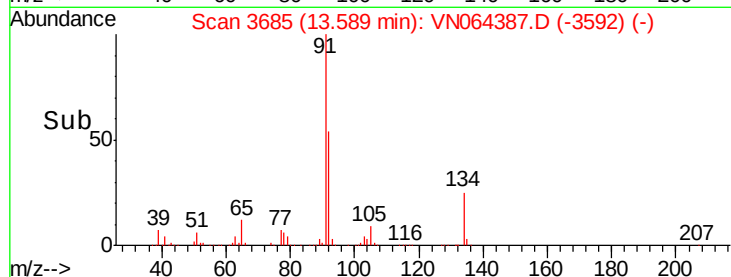
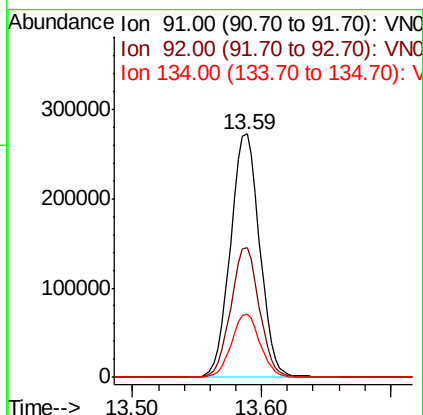
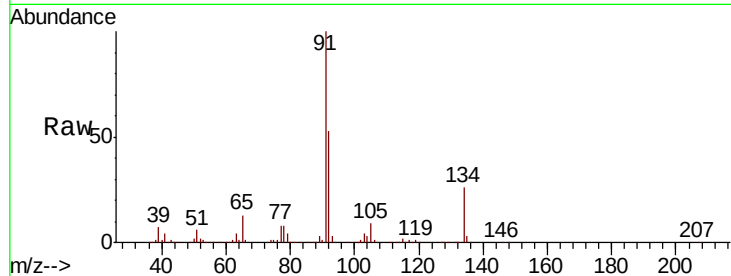




#89
n-Butylbenzene
Concen: 40.826 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

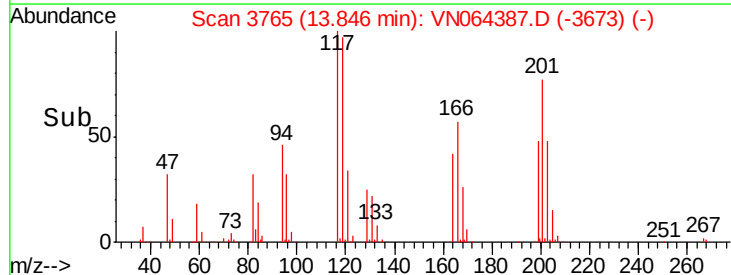
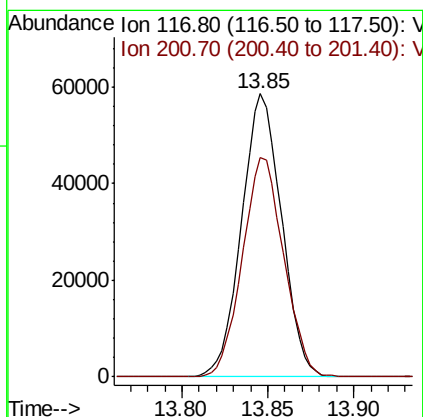
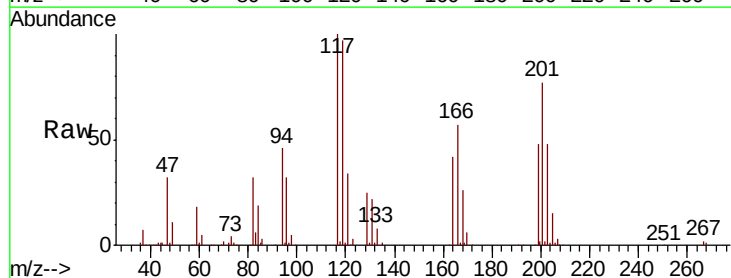
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

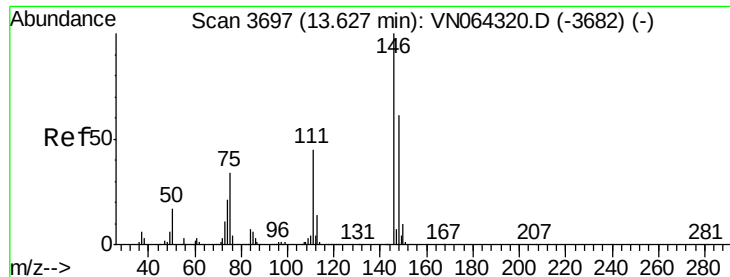
Tot Ion: 91 Resp: 429248
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 25.3 12.4 37.4



#90
Hexachloroethane
Concen: 42.137 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 117 Resp: 94446
Ion Ratio Lower Upper
117 100
201 80.2 39.8 119.3

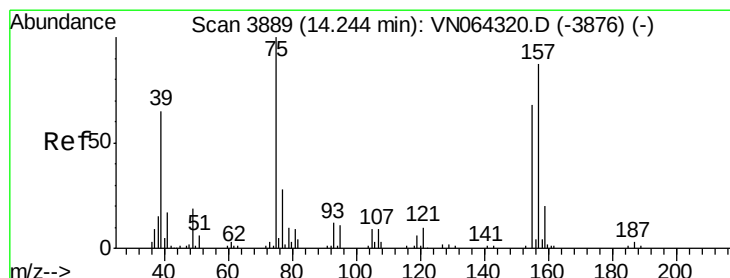
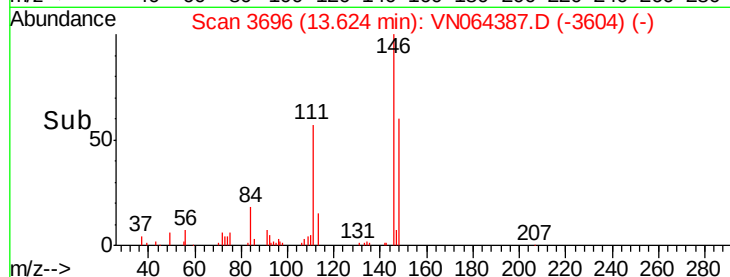
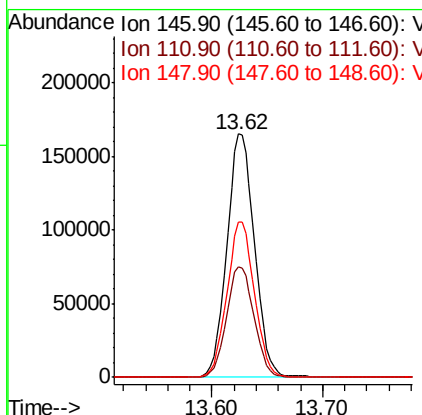
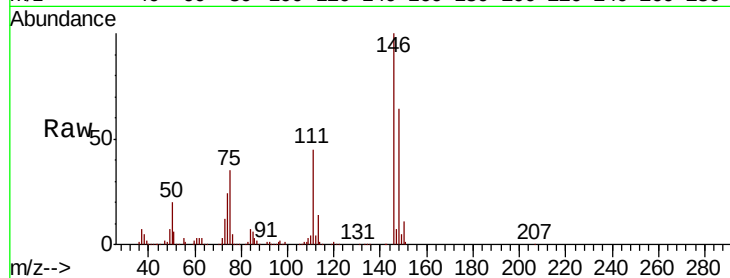




#91
 1,2-Dichlorobenzene
 Concen: 45.689 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

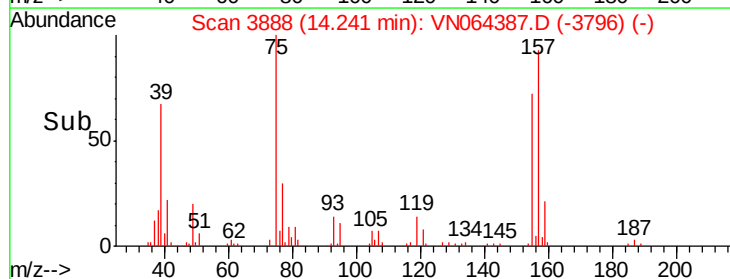
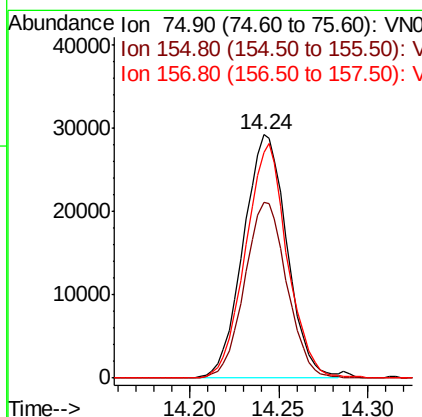
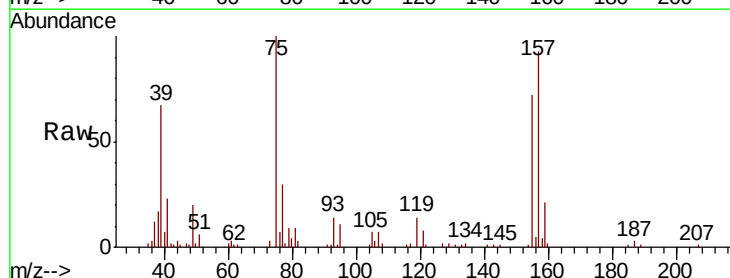
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

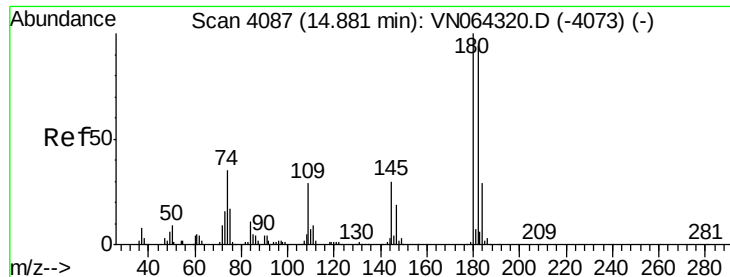
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.0	69.0
148	63.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.936 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	35.1	105.5
157	92.6	43.2	129.6

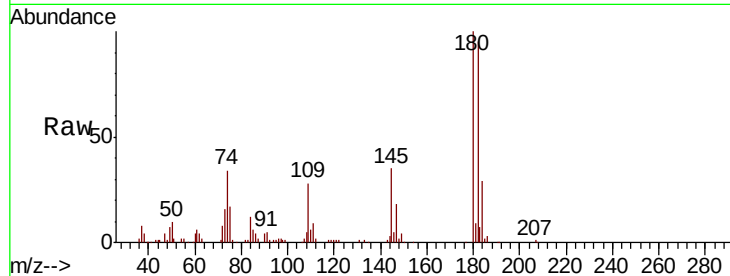




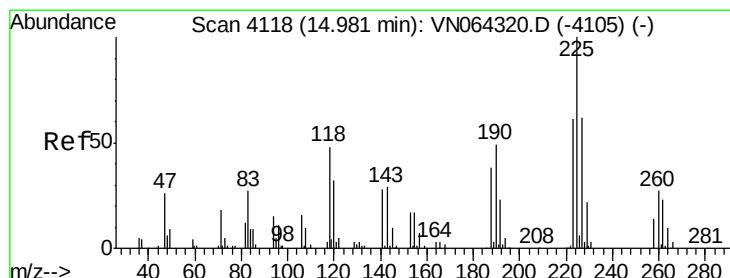
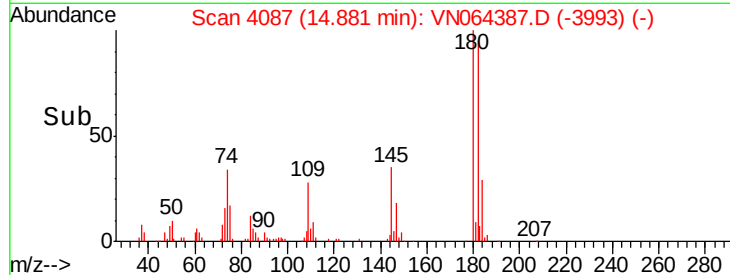
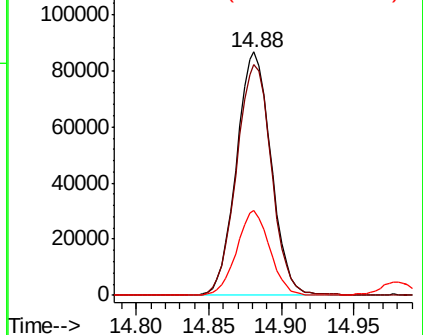
#93
 1,2,4-Trichlorobenzene
 Concen: 40.390 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 144404
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.6 139.7
 145 33.2 15.3 45.9

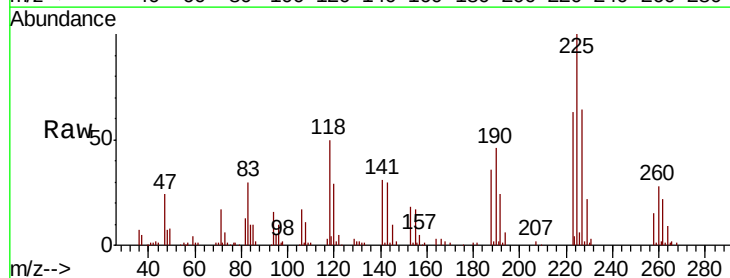


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

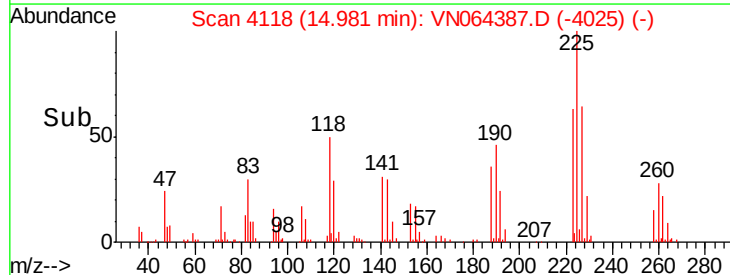
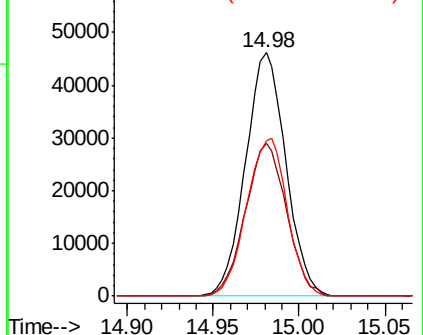


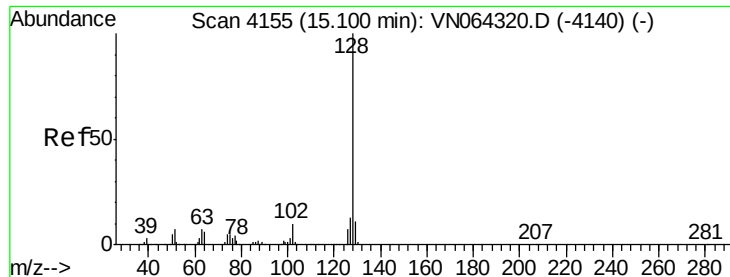
#94
 Hexachlorobutadiene
 Concen: 38.897 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion:225 Resp: 75006
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.8
 227 65.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 41.260 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

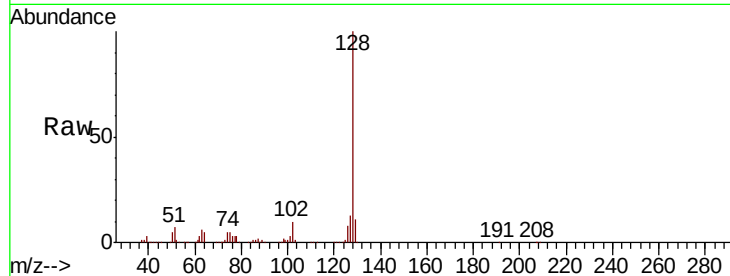
Tot Ion:128 Resp: 454271

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

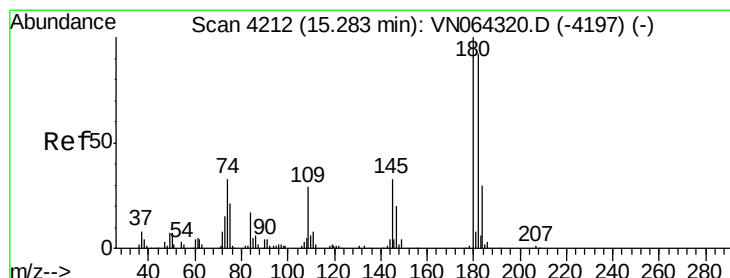
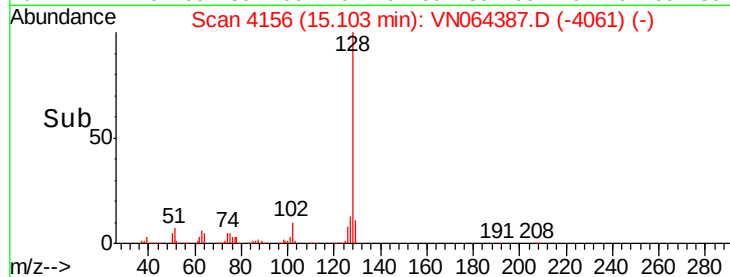
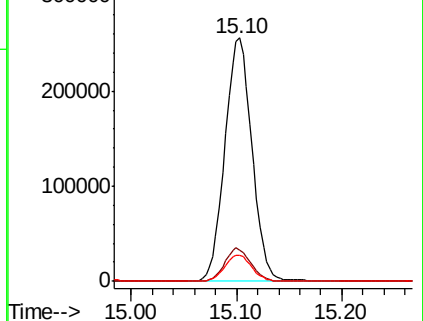
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.824 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

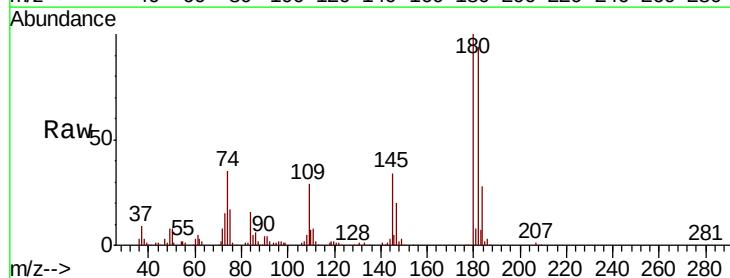
Tgt Ion:180 Resp: 140652

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.3

145 34.4 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

